Manitoba Science, Technology,
Energy and Mines

Supplementary Information for Legislative Review

2008-2009 Departmental Expenditure Estimates

Manitoba

2008-06091/

SCIENCE, TECHNOLOGY, ENERGY AND MINES

SUPPLEMENTARY INFORMATION

FOR

LEGISLATIVE REVIEW

2008-2009 EXPENDITURE ESTIMATES

PREFACE

This document is intended to provide additional information to the members of the Legislature in their review of information on the department contained in the Estimates of Expenditure for the fiscal year ending March 31, 2009.

The contents of this supplement are organized into six parts:

- The first part provides an overview of the department's 2008/2009 budget requirements.
- The second part provides program and financial information including details of staffing requirements and expenditures. Information is organized on the basis of existing main appropriations so that it will provide an easy cross reference to the Printed Main Estimates.
- The third part provides a five-year historical budget comparison of the Department of Science, Technology, Energy and Mines.
- The fourth part provides information relating to Capital Investments.
- The fifth part includes program and financial information relating to special operating agencies.
- The sixth part provides a standard glossary of terms.

It is hoped that it will provide a meaningful information supplement and that it will meet the needs of the users of the information. I welcome feedback as to the usefulness of this supplementary information.

HONOURABLE JIM RONDEAU
MINISTER OF SCIENCE, TECHNOLOGY, ENERGY AND MINES

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PART 1

DEPARTMENTAL OVERVIEW

DEPARTMENT OF SCIENCE, TECHNOLOGY, ENERGY AND MINES

MINISTER

HONOURABLE JIM RONDEAU

DEPUTY MINISTER

JOHN CLARKSON

VISION STATEMENT

Manitoba is the place where innovation flourishes, ideas grow and people prosper.

ROLE AND MISSION

The department will build the capacity for Manitobans to prosper through innovation, by
- creating strategic partnerships;
- encouraging investment;
- enabling the right infrastructure, and access to it;
- promoting awareness and knowledge
- championing critical policy development; and
- facilitating development of the province's energy and mineral resources.

FOCUS

The Department was established in recognition of the following:
- ***Innovation*** is key to future economic development and ***capacity to deliver*** government initiatives;
- ***Science, Technology, Energy and Mines*** are critical to the further development of the Manitoba economy;
- Government's need to ***focus*** economic development priorities; and
- ***Strengthen*** the approach to economic development.

The Department will:
- focus provincial innovation activities;
- assist in the growth and success of our science, research and technology assets;
- coordinate green initiatives as identified in the government's *Green and Growing* strategy;
- strengthen, develop, grow and attract knowledge-based industries;
- focus government information technology requirements;
- build community based partnerships through connectivity;
- focus government climate change implementation plans;
- strategically develop Manitoba's energy resources, in co-operation with public and private sectors;
- support innovation in communities and schools;
- link response to climate change with innovation and economic success
- link government's own IT activities with innovation and economic development; and
- provide for and encourage the environmentally friendly sustainable economic development of the province's mineral and petroleum resources.

The Department will work collaboratively with business, individuals, government departments and communities to:

- strengthen their capacity to succeed;
- enhance the competencies they need to prosper;
- raise their profile locally, nationally and internationally; and
- foster an environment that supports sustainable economic growth.

Some of the immediate and short-term priorities for the Department are:

- lead a coordinated approach to the implementation of the Green and Growing Framework;
- create an environment conducive to the development of renewable energy technologies;
- lead coordinated development and action on the provincial implementation of Canada's Kyoto Protocol plan;
- optimize community participation and benefits from upcoming Manitoba Hydro development projects;
- optimize value for sale of hydro power to other jurisdictions;
- seek federal program cost sharing for Climate Change activities;
- ensure Manitoba's interests (economic and emissions targets) are represented in Federal Kyoto negotiations;
- maximize spin-off opportunities related to new renewable energy;
- facilitate early development of critical infrastructure centres in which the province has invested;
- facilitate development and growth of industry associations, particularly in the ICT and Life Sciences sectors;
- create an environment conducive to investment in Manitoba technology businesses;
- help Manitobans maximize opportunities from connectivity by: expanding the number of communities with access to networks, increasing bandwidth, increasing the number of computers available to communities and enhancing the development of local content;
- seek improved Federal-Provincial research partnering support;
- continue to facilitate increased capacity at Manitoba research institutions;
- leverage and co-ordinate the government's investment in ICT to ensure best value from investment and maximum economic and community development opportunities;
- continue to develop strategies to safeguard information;
- provide ICT planning, development and operational activities that support the major strategic directions of government as identified through departmental plans;
- strive to collaborate and share assets and approaches between departments and jurisdictions, in order to reduce duplication, improve service levels, obtain best value from assets and ultimately reduce expenditures;
- maintain a competitive mineral and petroleum fiscal and regulatory regime;
- provide geoscience information to support and facilitate mineral and petroleum exploration and development;
- promote wise land use and access to mineral and petroleum resources;
- facilitate the rehabilitation of pits, quarries, mines, wells, and oil and gas facilities;
- promote understanding of the mineral and petroleum industry through outreach activities to communities, aboriginal people and the public at large; and
- seek strategies to improve the ease and quality of Manitobans' access to government information, programs and services.

To achieve its mission, the department is organized in five divisions:

ADMINISTRATION AND FINANCE DIVISION provides for the executive management, planning and control of departmental policies and programs; administrative support is provided through the

Department of Competitiveness, Training and Trade in the areas of human resource services, finance and administration and management information systems.

ENERGY, CLIMATE CHANGE AND GREEN STRATEGY INITIATIVES develops and implements energy development initiatives, climate change initiatives and economic development strategies involving hydro-electric resources and alternate energy development opportunities; developing, monitoring and coordinating the implementation of energy and climate change policies and initiatives and related provincial programs. *Green Manitoba Eco Solutions* leads the coordination of activities related to energy and water conservation and waste management based on an environmental protection and sustainable economic development model.

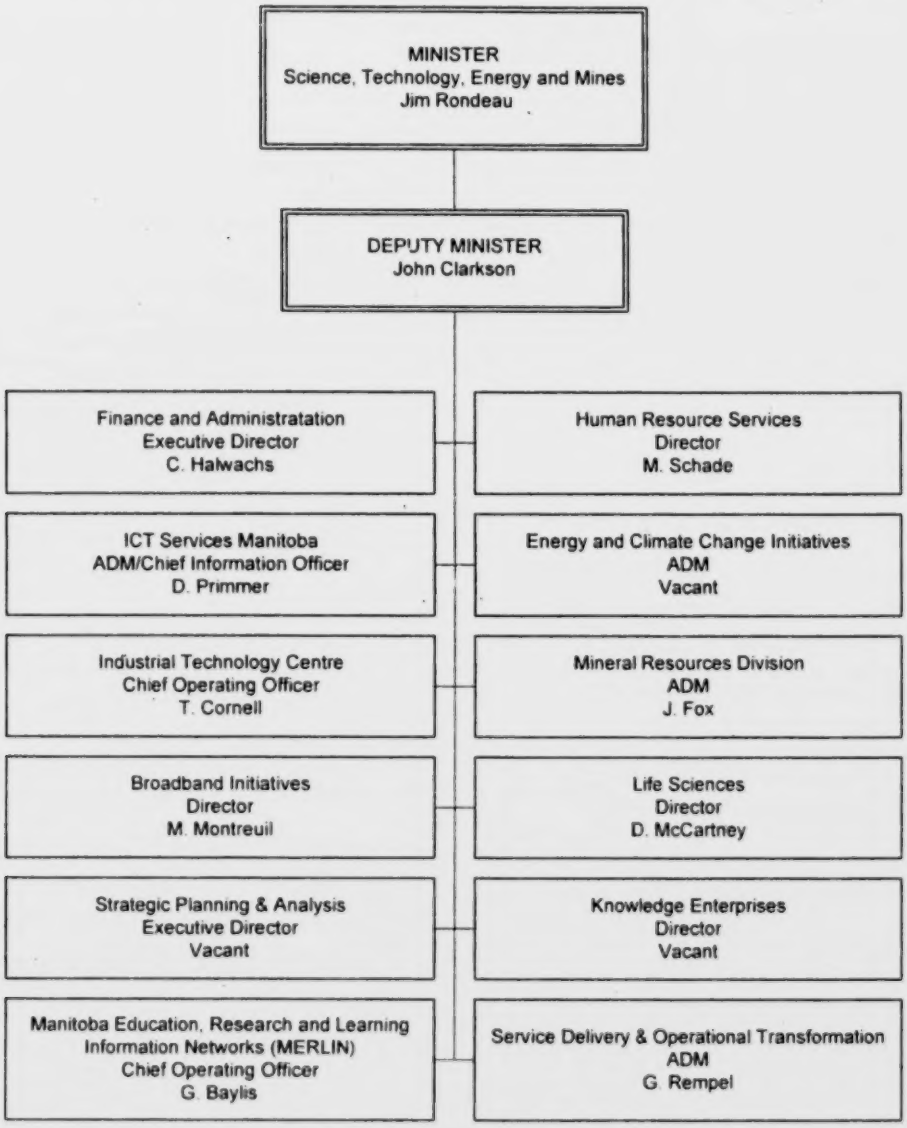
SCIENCE, INNOVATION AND BUSINESS DEVELOPMENT functions as the government's primary focus for business development services to industry and communities in the areas of life sciences, knowledge enterprises, technology and infrastructure to support economic growth and stimulate employment; develops strategic plans, business plans and provides research, analysis and evaluation services; develops, analyzes and communicates policies related to innovation, research, and development, technology and telecommunications; oversees the implementation of the Manitoba Centres of Excellence Fund and the Manitoba Research and Innovation Fund; provides a coordinating function for all research, innovation, science and technology initiatives in government; facilitates economic development in Manitoba through the provision of industrial technology services; provides funding for health research initiatives and; provides distance education technology services for the provincial education systems.

MANITOBA INFORMATION AND COMMUNICATION TECHNOLOGIES ensures the best possible use of the province's existing information and communications technology (ICT) resources, systems, platforms, applications, and skills, while finding new ways to meet service challenges, plan for future needs, and respond to economic opportunities; develops key ICT strategies, policies, standards and business processes to optimize the delivery of ICT functions in support of service delivery goals; provides an environment within government where appropriate technologies are fully integrated with program delivery requirements and; provides an analytical framework for review and approval of all ICT plans, projects and expenditures.

THE MINERAL RESOURCES DIVISION promotes wise land management and environmentally sustainable economic development in the province based on Manitoba's mineral and petroleum resources; provides authoritative documentation of the province's mineral and petroleum endowment and development potential; delivers mineral incentive programs; administration of legislation governing the disposition of mineral and petroleum rights, exploration, development and production of Manitoba's mineral and petroleum resources and, the rehabilitation of mines, quarries and abandoned petroleum sites; provides for the resolution of disputes between surface and/or mineral rights holders with respect to accessing minerals including oil and gas.

SCHEDULE 1

SCIENCE, TECHNOLOGY, ENERGY AND MINES
ORGANIZATION CHART
April 1, 2008



SCHEDULE 2

STATUTORY RESPONSIBILITIES OF THE MINISTER

OF SCIENCE, TECHNOLOGY, ENERGY AND MINES

	Continuing Consolidation Chapter
The Biofuels Act	B 40
The Development Corporation Act *	D60
The Economic Innovation and Technology Council Act	E 7
The Energy Act	E 112
The Gas Pipe Line Act	G 50
The Gas Allocation Act	G 52
The Greater Winnipeg Gas Distribution Act (S.M. 1988-89, c. 40)	-
The Manitoba Health Research Council Act	H 28
The Mines and Minerals Act	M 162
The Mining and Metallurgy Compensation Act	M 190
The Oil and Gas Act	O 34
The Oil and Gas Production Tax Act	O 37
The Property Tax and Insulation Assistance Act [Part V, and section 1 and Part VI as they relate to subjects covered under Part V]	P 143
The Surface Rights Act	S 235
The Sustainable Development Act (as it relates to the Manitoba Climate Change Action Fund of the Sustainable Development Innovations Fund)	S 270
The Winter Heating Cost Control Act	W 165

OIC 418/2006
*As per Schedule "R", OIC 44/2008

SCHEDULE 3

DEPARTMENT OF SCIENCE, TECHNOLOGY, ENERGY AND MINES
EXPENDITURE SUMMARY
BY MAIN APPROPRIATION

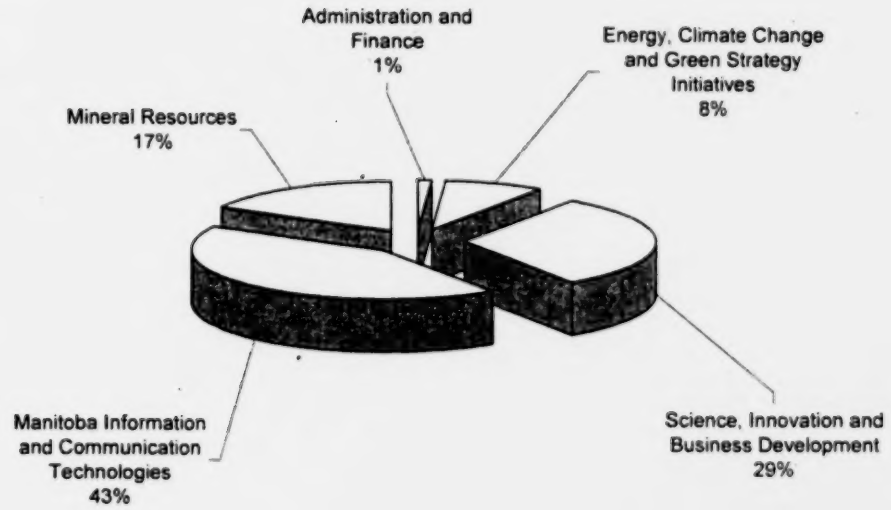
		Estimates of Expenditure 2008/2009 $(000's)	Change From 2007/2008 %	Estimates of Expenditure 2007/2008 (adjusted) $(000's)
1.	Administration and Finance	736.6	2.8	716.2
2.	Energy, Climate Change and Green Strategy Initiatives	5,699.8	6.6	5,250.8
3.	Science, Innovation and Business Development	21,515.5	11.9	19,222.2
4.	Manitoba Information and Communication Technologies	29,179.4	(1.8)	29,706.3
5.	Mineral Resources	11,856.1	(2.4)	12,147.5
6.	Amortization and Other Costs related to Capital Assets	12,072.7	(2.1)	12,820.3
TOTAL FOR SCIENCE, TECHNOLOGY, ENERGY AND MINES		81,060.1	1.5	79,863.3

Reconciliation Statement
$ (000's)

Printed Estimates of Expenditure 2007/08	78,588.3
Transfer functions from:	
- Family Services & Housing	633.1
- Department of Health	104.9
Transfer functions to:	
- Culture, Heritage, Tourism & Sport	(126.6)
Allocation of funds from:	
- Enabling Appropriations re: Internal Reform, Workforce Adjustment and General Salary Increases	663.6
Estimates of Expenditure 2007/08 (Adjusted)	79,863.3

SCHEDULE 4

2008/09 Main Estimates of Expenditures Percentage Distribution by Operating Division


Administration and Finance 1%
Energy, Climate Change and Green Strategy Initiatives 8%
Mineral Resources 17%
Manitoba Information and Communication Technologies 43%
Science, Innovation and Business Development 29%

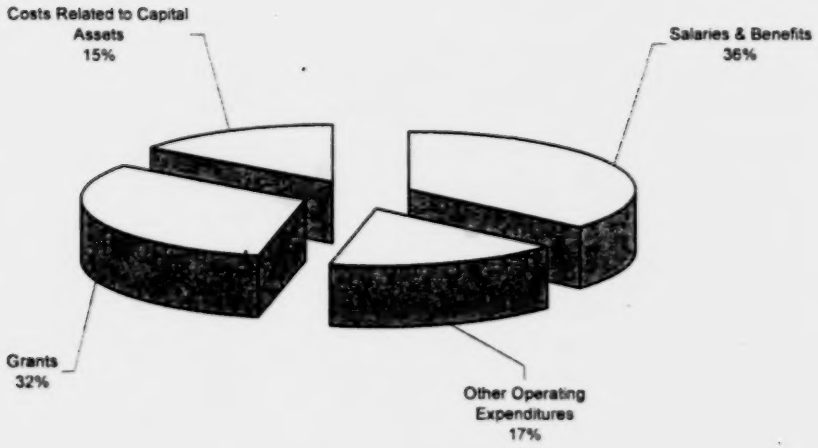
SCHEDULE 5

DEPARTMENT OF SCIENCE, TECHNOLOGY, ENERGY AND MINES
EXPENDITURE SUMMARY
BY SALARIES & EMPLOYEE BENEFITS, OTHER EXPENDITURES, CAPITAL GRANTS AND COSTS RELATED TO CAPITAL ASSETS

	ESTIMATES OF EXPENDITURE 2008/2009 $(000's)	ESTIMATES OF EXPENDITURE 2007/2008 (adjusted) $(000's)
SALARIES AND EMPLOYEE BENEFITS (details on Schedule 8)	**29,525.0**	28,843.8
OTHER EXPENDITURES	**25,789.5**	28,061.9
GRANT ASSISTANCE		
Initiatives Grant Assistance	**114.3**	14.3
Hybrid Vehicle Program	**500.0**	500.0
Green Manitoba Eco Solutions	**2,268.7**	1,880.7
Industrial Technology Centre	**750.0**	750.0
Manitoba Education, Research and Learning Information Networks	**445.8**	445.8
Manitoba Centres of Excellence Fund	**720.1**	720.1
Manitoba Health Research Council	**6,002.6**	3,702.6
Manitoba Research and Innovation Fund	**12,100.0**	12,100.0
Mineral Exploration Assistance Program	**2,500.0**	2,500.0
Prospectors Assistance Program	**123.1**	123.1
Manitoba Potash Project	**196.5**	196.5
Acid Rain Abatement Program	**24.5**	24.5
TOTAL	**81,060.1**	79,863.30

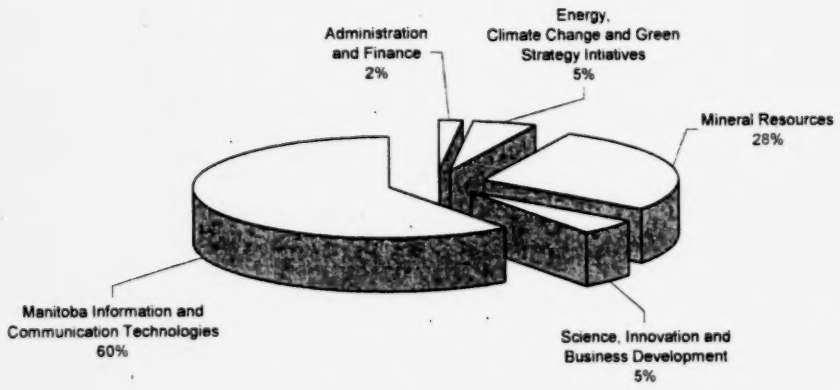
SCHEDULE 6

2008/09 Percentage Distribution of Expenditures By Salaries and Employee Benefits, Other Expenditures, Capital Grants, and Costs Related to Capital Assets



SCHEDULE 7

2008/09 Staff Year Summary
Percentage Distribution of Full Time Equivalents
By Operating Division


Administration and Finance 2%
Energy, Climate Change and Green Strategy Initiatives 5%
Mineral Resources 28%
Manitoba Information and Communication Technologies 60%
Science, Innovation and Business Development 5%

SCHEDULE 8

DEPARTMENT OF SCIENCE, TECHNOLOGY, ENERGY AND MINES
FULL-TIME EQUIVALENT SUMMARY
BY APPROPRIATION

RES. NO.	APP. NO.	DIVISION/BRANCH	ESTIMATES OF EXPENDITURE 2008/2009 $(000's) FTE	SALARIES	ESTIMATES OF EXPENDITURE 2007/2008 (adjusted) $(000's) FTE	SALARIES
18-1	18-1	**ADMINISTRATION AND FINANCE**				
	18-1A	Minister's Salary	**1.00**	**45.0**	1.00	42.3
	18-1B	Executive Support	**6.00**	**468.5**	6.00	442.7
	18-1C	Administration and Finance		-		-
		TOTAL	**7.00**	**513.5**	7.00	485.0
18-2	18-2	**ENERGY, CLIMATE CHANGE AND GREEN STRATEGY INITIATIVES**				
	18-2A	Energy Development Initiatives	**14.00**	**1,179.8**	14.00	1,140.4
	18-2B	Climate Change and Green Strategy Initiatives	**6.00**	**471.4**	6.00	420.3
	18-2C	Green Manitoba Eco Solutions	-		-	-
		TOTAL	**20.00**	**1,651.2**	20.00	1,560.7
18-3	18-3	**SCIENCE, INNOVATION AND BUSINESS DEVELOPMENT**				
	18-3A	Science, Innovation and Business Development	**19.00**	**1,570.4**	19.00	1,501.9
	18-3B	Manitoba Health Research Council	-	-	-	-
	18-3C	Industrial Technology Centre	-	-	-	-
	18-3D	Manitoba Education, Research and Learning Information Networks	-	-	-	-
		TOTAL	**19.00**	**1,570.4**	19.00	1,501.9
18-4	18-4	**MANITOBA INFORMATION AND COMMUNICATION TECHNOLOGIES**				
	18-4A	ICT Services Manitoba	**195.72**	**17,290.5**	195.72	16,870.1
	18-4B	ICT Services Manitoba Recovery				
	18-4C	Legislative Building Information Systems	**12.00**	**953.7**	12.00	915.8
	18-4D	Service Transformation Manitoba	**15.00**	**1,138.8**	15.00	1,101.5
		TOTAL	**222.72**	**19,383.0**	222.72	18,887.4
18-5	18-5	**MINERAL RESOURCES**				
	18-5A	Manitoba Geological Survey	**55.10**	**3,746.5**	55.10	3,732.6
	18-5B	Mines	**26.00**	**1,329.6**	26.00	1,369.4
	18-5C	Petroleum	**21.50**	**1,300.9**	21.50	1,277.7
	18-5D	Boards and Commissions	-	**29.9**		29.1
		TOTAL	**102.60**	**6,406.9**	102.60	6,408.8
18		**TOTAL FOR SCIENCE TECHNOLOGY ENERGY AND MINES**	**371.32**	**29,525.0**	371.32	28,843.8

All salary figures, with the exception of the Minister's, include employee benefits as defined in the glossary.

SCHEDULE 9

DEPARTMENT OF SCIENCE, TECHNOLOGY, ENERGY AND MINES
FULL-TIME EQUIVALENT SUMMARY 2008-2009
BY STAFF CATEGORY

DIVISION	STAFF CATEGORIES							
	MANAGERIAL		PROFESSIONAL/ TECHNICAL		ADMINISTRATIVE SUPPORT		TOTAL	
	FTE	$000S	FTE	$000S	FTE	$000S	FTE	$000S
Administration and Finance	2.00	199.9	2.00	121.1	3.00	137.0	7.00	458.0
Energy, Climate Change and Green Strategy Initiatives	4.00	381.6	13.00	987.9	3.00	137.6	20.00	1,507.1
Science, Innovation and Business Development	4.00	373.4	13.00	994.0	2.00	80.0	19.00	1,447.4
Manitoba Information and Communication Technologies	11.00	1,018.8	189.72	15,814.1	22.00	984.5	222.72	17,817.4
Mineral Resources	5.00	469.8	71.10	4,148.0	26.50	1,178.3	102.60	5,796.1
TOTAL[1]	26.00	2,443.5	288.82	22,065.1	56.50	2,517.4	371.32	27,026.0

Explanation 1. Reconciliation of Salary Amounts

Total Salary Costs per above	27,026.0
Employee Benefits	3,287.1
Other Costs and Benefits	242.6
Less: Staff Turnover	(1,030.7)
Net Salary Costs per Schedule 8	29,525.0

PART 2

PROGRAM AND FINANCIAL INFORMATION

Res. No.	Approp. No.	Science, Technology, Energy and Mines (18) Details of Appropriation	**Estimates of Expenditure 2008/2009** **$(000's)**	Estimates of Expenditure 2007/2008 (adjusted) $(000's)
18.1	1.	**ADMINISTRATION AND FINANCE**	**736.6**	716.2
		Provides for the executive management, planning and control of departmental policies and programs. Administrative support is provided through the Department of Competitiveness, Training and Trade in the areas of human resource services, finance and administration and management information systems.		
		a) Minister's Salary	**45.0**	42.3
		b) Executive Support	**541.6**	523.9
		c) Administration and Finance	**150.0**	150.0
			736.6	716.2

SUB-APPROPRIATIONS 18 - 1A AND 18 - 1B
MINISTER'S SALARY AND EXECUTIVE SUPPORT

OBJECTIVES:

To oversee the development and implementation of departmental policies and programs that are designed to achieve the priorities set out in the department's mission statement.

To carry out the policy decisions of the government and manage the activities of the department.

ACTIVITY IDENTIFICATION:

Activities are targeted to effectively position the department to aid Manitobans to prosper in the global, information-based economy. These activities include:

- leading and coordinating the decision-making process in the formulation, interpretation, implementation and monitoring of government policies and programs;
- ensuring that government policies are appropriately formulated, interpreted, implemented and monitored;
- providing overall policy direction for departmental programs;
- providing administrative assistance to the Minister's office.

EXPECTED RESULTS:

Effective operation of the Department of Science, Technology, Energy and Mines as reflected in the results of each branch within the department.

Effective and efficient administrative support to the offices of the Minister and Deputy Minister.

SUB-APPROPRIATION 18 - 1A
MINISTER'S SALARY

	Estimates of Expenditure 2008/2009		Estimates of Expenditure 2007/2008 (adjusted)	
	FTE	**$(000's)**	FTE	$(000's)
SALARIES				
Managerial	**1.00**	**45.0**	1.00	42.3
Total Salaries	**1.00**	**45.0**	1.00	42.3

SUB-APPROPRIATION 18 - 1B
EXECUTIVE SUPPORT

	Estimates of Expenditure 2008/2009		Estimates of Expenditure 2007/2008 (adjusted)	
	FTE	**$(000's)**	FTE	$(000's)
SALARIES & EMPLOYEE BENEFITS				
Managerial	**1.00**	**154.9**	1.00	151.1
Professional/Technical	**2.00**	**121.1**	2.00	114.8
Administrative Support	**3.00**	**137.0**	3.00	131.7
Employee Benefits		**46.9**		43.4
	6.00	**459.9**	6.00	441.0
Less: Allowance for Staff Turnover		-		-
Pension Liability		**6.9**		
Salary Accrual		**1.7**		1.7
Total Salaries and Employee Benefits	**6.00**	**468.5**	6.00	442.7
OTHER EXPENDITURES				
Transportation		**20.0**		20.0
Communications		**8.0**		8.0
Supplies and Services		**20.1**		23.0
Other Operating		**25.0**		30.2
Total Other Expenditures		**73.1**		81.2
TOTAL SUB-APPROPRIATION	**6.00**	**541.6**	6.00	523.9

SUB-APPROPRIATION 18 - 1C
FINANCIAL AND ADMINISTRATIVE SERVICES

OBJECTIVES:

The Financial and Administrative Services Branch provides services to the departments of Science, Technology, Energy and Mines (STEM) and Competitiveness, Training and Trade (CTT) and related agencies. The following objectives are in support of both departments:

- to provide high quality, timely and customer responsive administrative, financial management, information systems and human resource services;
- to develop and administer appropriate administrative, financial and human resource standards, policies and procedures;
- to develop and maintain appropriate reporting systems to provide timely and accurate decision-making information to senior management in the Departments and in central agencies;
- to provide leadership, program direction and operational coordination to support department activities.

ACTIVITY IDENTIFICATION:

The Branch provides financial management, administrative, information systems and human resource services including:

- processing of revenue and expenditure transactions;
- monitoring and control of expenditures, preparation of cash flow projections and the provision of financial analysis and advice;
- administration of loan programs and other agreements;
- coordination of requests for office accommodation and office equipment and services;
- provide timely and accurate information to senior decision-makers in the department and in central agencies;
- coordinate the department records management activities;
- develop and apply appropriate administrative, financial and human resource standards, policies and procedures including;
    - preparation of the annual estimates package, the estimates supplement and the annual report;
    - the provision of information systems application software solutions to a variety of business problems, evaluation and acquisition of computer equipment;
    - the provision of human resource services, including: recruitment and selection, job evaluation, human resource planning, employee relations, payroll and benefit administration, diversity outreach and strategies, training and development, and occupational health and safety;
    - French Language Services Policy, and the departmental administration of the Freedom of Information Act and Protection of Privacy Act.

EXPECTED RESULTS:

- Departmental policies and systems are implemented and programs delivered efficiently and effectively.
- Administrative support services are responsive to departmental and client needs and are within government policy.

- Timely preparation of management reports on matters relating to financial, human resources, information systems and operational support services.
- Timely and efficient representation of the department in responding to central agencies.
- Efficient response, within 30 days, to all applications under the Freedom of Information and Protection of Privacy Act (STEM & CTT).
- Payment/revenue transactions are accurately processed.
- Authority-seeking documents are accurately processed.
- Human Resource activities for approximately 799.62 staff (STEM – 371.32 & CTT – 428.30) are carried out in accordance with The Civil Service Act, Manitoba Government Employees Master Agreement, Manitoba labour laws and Workplace Safety and Health Act.
- Reports are released by legislative deadline date (Departmental Annual Report tabled or released by September 30).

SUB-APPROPRIATION 18 - 1C
FINANCIAL AND ADMINISTRATIVE SERVICES

	Estimates of Expenditure 2008/2009		Estimates of Expenditure 2007/2008 (adjusted)	
	FTE	**$(000's)**	FTE	$(000's)
OTHER EXPENDITURES		**150.0**		150.0
TOTAL SUB-APPROPRIATION		**150.0**		150.0

Recoverable to Competitiveness, Training and Trade related to shared Financial and Administrative Services function provided to Science, Technology, Energy and Mines.

Res. No.	Approp. No.	Science, Technology, Energy and Mines (18) Details of Appropriation	**Estimates of Expenditure 2008/2009 $(000's)**	Estimates of Expenditure 2007/2008 (adjusted) $(000's)
18.2	2.	**ENERGY, CLIMATE CHANGE AND GREEN STRATEGY INITIATIVES** Develops and implements energy development initiatives, climate change initiatives and economic development strategies involving hydro-electric resources and alternate energy development opportunities. Includes developing, monitoring and coordinating the implementation of energy and climate change policies and initiatives and related provincial programs. *Green Manitoba Eco Solutions*: Leads the coordination of activities related to energy and water conservation and waste management based on an environmental protection and sustainable economic development model.	**5,599.8**	5,250.8
		a) Energy Development Initiatives	**2,189.7**	2,262.5
		b) Climate Change and Green Strategy Initiatives	**1,141.4**	1,107.6
		c) Green Manitoba Eco Solutions	**2,268.7**	1,880.7
			5,599.8	5,250.8

SUB-APPROPRIATION 18 – 2A
ENERGY DEVELOPMENT INITIATIVES

OBJECTIVES:

- To develop and co-ordinate government-wide renewable energy policies;
- To develop and implement government-wide economic development strategies encompassing Manitoba hydro-electric resources and alternative energy development opportunities;
- To ensure that Manitoba's efforts to reduce greenhouse gas emissions afford opportunities for investment and job creation in Manitoba economic sectors such as clean energy development and energy efficiency; and
- To work with citizens, organizations, communities and businesses to develop programs that help them enhance their quality of life and benefit Manitoba's economy, reduce energy consumption and/or to develop our clean energy projects.

ACTIVITY IDENTIFICATION:

- co-ordinating development of broad provincial energy policy and small renewables policy, including ethanol, biodiesel, wind, hydrogen, micro hydro, heat pumps and energy efficiency;
- assessing and implementing energy related provincial Climate Change Initiatives;
- developing and implementing renewable/alternative energy (eg. hydrogen, ethanol, biodiesel, heat pumps, wind, etc.) economic development strategies;
- providing support and facilitation for and between companies, communities and the utility in developing Manitoba's renewable energy resources;
- seeking investment and industrial development related to renewable energy in Manitoba;
- acting as main government liaison with Manitoba Hydro on energy economic development;
- In cooperation with Manitoba Hydro, facilitating hydroelectric power sales; and
- Ensure Manitoba communities and energy related projects that contribute to our national climate change goals are supported by the federal government.

EXPECTED RESULTS:

- Ongoing support for Manitoba BioDiesel Program;
- Evaluation of Manitoba's wind resource;
- Continued development and implementation of the province's energy efficiency strategy ;
- Furthering discussion related to selling power into export markets;
- Greater utilization of ground source heat pumps in Manitoba, including in the Waverley West Subdivision.
- Increased investments in renewable energy generation and related equipment manufacturing;
- Continuous implementation of renewable/alternate energy economic development strategies for ethanol, biodiesel, wind and hydrogen;
- Growth and consideration of ground source heat pump industry
- New ethanol production capacity in the province;
- The development of wind farms in Manitoba;
- Continued implementation from the Hydrogen Opportunities Report;
- Implementing ethanol mandate; and
- Advancing low income energy efficiency.

SUB-APPROPRIATION 18 – 2A
ENERGY DEVELOPMENT INITIATIVES

	Estimates of Expenditure 2008/2009		Estimates of Expenditure 2007/2008 (adjusted)	
	FTE	**$(000's)**	FTE	$(000's)
SALARIES & EMPLOYEE BENEFITS				
Managerial	**3.00**	**285.7**	3.00	294.0
Professional/Technical	**9.00**	**701.3**	9.00	665.4
Administrative Support	**2.00**	**88.7**	2.00	81.7
Employee Benefits		**122.0**		119.0
	14.00	**1,197.7**	14.00	1,160.1
Less: Allowance for Staff Turnover		**(42.1)**		(24.0)
Pension Liability		**19.9**		-
Salary Accrual		**4.3**		4.3
Total Salaries and Employee Benefits	**14.00**	**1,179.8**	14.00	1,140.4
OTHER EXPENDITURES				
Transportation		**30.3**		33.3
Communications		**93.4**		103.4
Supplies and Services		**710.8**		810.9
Other Operating		**154.5**		154.5
Minor Capital		**20.0**		20.0
Total Other Expenditures		**1009.0**[(2)]		1,122.1
TOTAL SUB-APPROPRIATION	**14.00**	**2,262.5**	12.00	2,234.9

SUB-APPROPRIATION 18 – 2B
CLIMATE CHANGE AND GREEN STRATEGY INITIATIVES

OBJECTIVES:

- To develop and coordinate government wide climate change initiatives. This includes the development of greenhouse gas (GHG) reduction strategies in the transportation, agriculture and municipal sectors that promote both economic development and environmental protection.

- To coordinate priority green initiatives together with lead departments as outlined in the government's *Green and Growing Strategy*.

- To advance climate change impact, mitigation and adaptation research.

- To promote cooperative partnerships with the federal government on climate change programs and green policy initiatives in Manitoba.

- To work together with Green Manitoba, the Energy Development Initiative and other departments and agencies of government to advance the implementation of greenhouse gas reduction and green economic development strategies across government and in the public and private sectors.

- To promote best practices in climate change action and green policy at the sub-national level.

- To continue in the promotion of climate change public awareness, education and action.

ACTIVITY IDENTIFICATION:

- Develop and coordinate specific climate change strategies with partner departments in the areas of transportation, agriculture and the public sector that will promote both economic development and environmental protection.

- Update the *Climate Change Action Plan* for Manitoba, including the strategies referenced above and contribute to a legislative framework to mandate specific climate change actions to achieve Manitoba's stated goals and objectives.

- Expand GHG impact, mitigation and adaptation research capacity utilizing both in-house and Manitoba-based expertise in climate change research.

- Work with lead departments and branches in the coordination of priority green initiatives across government as outlined in the *Green and Growing Strategy*.

- Advance federal-provincial climate change and green initiatives funding partnerships together with Federal Provincial Relations and partner departments and branches, and represent Manitoba's interests at federal–provincial climate change meetings.

- Collaborate with other provinces and states to promote and deliver best practices through MOUs, projects, as well as national and international networks.

- Increase awareness of climate change and green business opportunities in the private sector.

ENERGY, CLIMATE CHANGE AND GREEN STRATEGY INITIATIVES

- Continue in the promotion of the climate change public, education and awareness and in supporting strategic action in key priority areas such as transportation, agriculture and Northern Manitoba through the Manitoba Climate Change Action Fund and partnerships with non-government organizations and government departments and Crown corporations.

EXPECTED RESULTS:

- Produce an updated *Climate Change Action Plan* including climate change strategies and programming for the transportation, agricultural and municipal sectors.

- Advance a legislative framework to mandate specific climate change actions to achieve Manitoba's stated goals and objectives.

- Coordinate executive level inter-departmental knowledge transfer for action on priority green initiatives that will promote both economic development and environmental protection as the secretariat to executive level committee.

- Coordinate and advance priority green initiatives across government as outlined in the *Green and Growing Strategy*.

- Facilitate action on enhanced research in climate change impacts, mitigation and adaptation for Manitoba.

- Advance federal-provincial climate and green initiatives programming and funding.

- Identify and support best practices in climate change action and green policy at the sub-national level.

- Support and facilitate better awareness of climate change and green initiative opportunities in the public and private sectors.

SUB-APPROPRIATION 18 – 2B
CLIMATE CHANGE AND GREEN STRATEGY INITIATIVES

	Estimates of Expenditure 2008/2009		Estimates of Expenditure 2007/2008 (adjusted)	
	FTE	**$(000's)**	FTE	$(000's)
SALARIES & EMPLOYEE BENEFITS				
Managerial	**1.00**	**96.1**	1.00	93.5
Professional/Technical	**4.00**	**286.5**	4.00	253.5
Administrative Support	**1.00**	**48.8**	1.00	45.4
Employee Benefits		**48.8**		41.5
	6.00	**480.2**	6.00	433.9
Less: Allowance for Staff Turnover		**(16.4)**		(15.3)
Pension Liability		**5.9**		-
Salary Accrual		**1.7**		
Total Salaries and Employee Benefits	**6.00**	**471.4**	6.00	420.3
OTHER EXPENDITURES				
Transportation		**22.0**		21.0
Communications		**33.5**		30.5
Supplies and Services		**53.3**		85.5
Other Operating		**46.9**		36.0
Total Other Expenditures		**155.7**		173.0
Total Grant Assistance		**614.3**[1]		514.3
TOTAL SUB-APPROPRIATION	**6.00**	**1,241.4**	6.00	1,107.6

1. Increase is due to a New Grant Incentive Program of $100.0 for the Conversion of Existing Coal Users to Cleaner Alternative Fuels.

SUB-APPROPRIATION 18 – 2C
GREEN MANITOBA ECO SOLUTIONS

OBJECTIVES:

Green Manitoba Eco Solutions became a special operating agency on April 1, 2006. Refer to Section 5 for detailed information.

SUB-APPROPRIATION 18 – 2C
GREEN MANITOBA ECO SOLUTIONS

	Estimates of Expenditure 2008/2009		Estimates of Expenditure 2007/2008 (adjusted)	
	FTE	**$(000's)**	FTE	$(000's)
Grants/Transfer Payments		**2,268.7**		1,880.7
TOTAL SUB-APPROPRIATION		**2,268.7**[1]		1,880.7

1. Increase of $388.0 for E-Waste Round-Up 2008

Res. No.	Approp. No.	Science, Technology, Energy and Mines (18) Details of Appropriation	**Estimates of Expenditure 2008/2009 $(000's)**	Estimates of Expenditure 2007/2008 (adjusted) $(000's)
18.3	3.	**SCIENCE, INNOVATION AND BUSINESS DEVELOPMENT**	**21,515.5**	19,348.8
		Functions as the government's primary focus for business development services to industry and communities in the areas of life sciences, knowledge enterprises, technology and infrastructure to support economic growth and stimulate employment. Develops strategic plans, business plans and provides research, analysis and evaluation services. Develops, analyzes and communicates policies related to innovation, research, and development, technology and telecommunications. Oversees the implementation of the Manitoba Centres of Excellence Fund and the Manitoba Research and Innovation Fund. Provides a coordinating function for all research, innovation, science and technology initiatives in government.		
		Industrial Technology Centre: Facilitates economic development in Manitoba through the provision of industrial technology services.		
		Manitoba Health Research Council: Provides funding for health research initiatives.		
		Manitoba Education, Research and Learning Information Networks: Provides distance education technology services for the provincial education systems.		
		a) Science, Innovation and Business Development	**14,317.1**	14,323.8
		b) Manitoba Health Research Council	**6,002.6**	3,702.6
		c) Industrial Technology Centre	**750.0**	750.0
		d) Manitoba Education, Research and Learning Networks	**445.8**	445.8
			21,515.5	19,222.2

SUB-APPROPRIATION 18 - 3A
SCIENCE, INNOVATION AND BUSINESS DEVELOPMENT

OBJECTIVES:

Science, Innovation and Business Development's (SIBD) objectives are to:

- develop a provincial innovation framework;;
- build and strengthen the research and innovation capacity within the province;
- build community capacity for sustained economic development in the new economy;
- build the capacity for new company formation, attraction and growth;
- coordinate the implementation of public policy initiatives in the areas of research, information technologies, and investments.

SIBD consists of four focus areas:

Strategic Planning and Analysis

Strategic Planning and Analysis provides policy and research support to the Department and is the lead across government on the development and implementation of policy, strategies and initiatives on innovation, science and research issues. Through program support, the group acts to encourage research capacity in Manitoba and to promote science, innovation and technology careers among youth.

Knowledge Enterprises

The Knowledge Enterprises Branch works in partnership with key stakeholders to develop an innovation environment in which information communications technology (ICT), digital media and customer contact centre sectors can thrive.

Life Sciences

Life Sciences works with multiple public and private stakeholders to strengthen Manitoba's globally competitive life sciences cluster in the health, agriculture and environment sectors, leading to positive social and economic outcomes for all Manitobans.

Broadband Initiatives

The Broadband Initiative works with the private sector and community based organizations in order to facilitate the provision of high-speed connectivity and Broadband capacity to those areas in the province where such services do not currently exist.

SCIENCE, INNOVATION AND BUSINESS DEVELOPMENT

ACTIVITY IDENTIFICATION:

Strategic Planning and Analysis

- Implement the provincial innovation and research strategies by administering funds that support research, innovation and technology, including:
  - *Manitoba Research and Innovation Fund* - The mandate is to increase the capability of Manitoba's universities, colleges, hospitals, and other not-for-profit institutions to carry out important world-class scientific research and technology development. The fund is also used to support institutional innovation activities and bring technologies to the market place.
  - *The Manitoba Centres of Excellence Fund* - The objectives of the Manitoba Centres of Excellence Fund (MCEF) are to attract and maintain world-class R&D activity in Manitoba and to generate related economic spin-off benefits for local companies and non-profit institutions.
- Administer the Manitoba Network for Science and Technology (MindSet) program which encourages students to understand the importance of science and technology and its potential for rewarding career opportunities.

Knowledge Enterprises

- Focus provincial information communication technology (ICT) innovation activities through whole of government leadership and co-ordination;
- Develop ICT research capacity and increase the level of commercialization of ICT technologies;
- Identify and address critical ICT and new media skills gaps;
- Address critical business development issues in coordination with industry stakeholders;
- Ensure government's internal ICT, new media and customer contact strategies and projects capture innovation and drive economic development; and
- Develop and support the interactive digital media industry in Manitoba through market development, investment attraction and funding support, including:
  - *Manitoba Digital Media Fund (MIDMF)* - The spirit and intent of the MIDMF is to support the creation by Manitobans of Interactive Digital Media products, support the creation of intellectual property in Manitoba companies, and to encourage the Manitoba digital media industry to become self-sustaining and vibrant.

Life Sciences

- Improve the connectivity among business, university and government stakeholders;
- Establish formalized linkages and research collaborations;
- Promote a "growth from within" culture in the province;
- Increase industry awareness of the Life Sciences sector in Manitoba;
- Establish coordinated human resource initiative;
- Establish coordinated training initiative;
- Catalyze sector convergence; and
- Advance innovation into the health care system.

Broadband Initiatives

- Work with the private sector and community based organizations in order to provide High-Speed connectivity and Broadband capacity to those areas in the province where such services do not currently exist.

SUB-APPROPRIATION 18 - 3A
SCIENCE, INNOVATION AND BUSINESS DEVELOPMENT

EXPECTED RESULTS:

Strategic Planning and Analysis

- Research and innovation frameworks and policies are created to:
  - define the key actions and principles that will guide how research, technology and innovation efforts should work;
  - align provincial government decision-making for R&D activities with provincial strategic goals;
  - align business development needs and activities with research capacities; and
  - co-ordinate innovation activities within and between provincial government departments.
  - partner effectively with federal government.
- The MindSet program continues to experience success through increased participation by educators and students in science and technology awareness activities.
- Strategic plans for the division have been developed and implemented.

Knowledge Enterprises

- Maintain and expand key intra-departmental linkages and teams;
- Increased connectivity and interaction among provincial and regional stakeholders;
- Increased ICT research activity and technology commercialization;
- Work with key ICT and new media stakeholders to address skills issues;
- Increased ICT, new media and customer contact employment levels; and
- Identify and address barriers to ICT and new media business development.

Life Sciences

- Enhanced connectivity and interaction among provincial, regional and international stakeholders;
- Formalized linkages and research collaborations;
- Increased commercialization of Manitoba life science technologies;
- Increased international, national and provincial recognition of Manitoba's life sciences expertise, infrastructure and investment opportunities;
- Identification of business opportunities in convergent sectors such as functional foods and nutraceuticals, composite materials and bio energy;
- Expansion of Manitoba life sciences biopharmaceutical manufacturing capacity;
- Increased employment within Manitoba's life sciences sector; and
- Process for measuring the scope and economic outcomes from incorporating Manitoba innovative technologies into the Province's health care systems.

Broadband Initiatives

- PDN schools connectivity program; and
- Increased broadband connectivity among Manitoba's communities

SUB-APPROPRIATION 18 - 3A
SCIENCE, INNOVATION AND BUSINESS DEVELOPMENT

	Estimates of Expenditure 2008/2009		Estimates of Expenditure 2007/2008 (adjusted)	
	FTE	$(000's)	FTE	$(000's)
SALARIES & EMPLOYEE BENEFITS				
Managerial	4.00	373.4	4.00	359.7
Professional/Technical	13.00	994.0	13.00	979.5
Administrative Support	2.00	80.0	2.00	77.2
Employee Benefits		162.1		144.3
	19.00	1,609.5	19.00	1,560.7
Less: Allowance for Staff Turnover		(50.8)		(65.3)
Pension Liability		6.6		1.6
Salary Accrual		5.1		4.9
Total Salaries and Employee Benefits	19.00	1,570.4	19.00	1,501.9
OTHER EXPENDITURES				
Transportation		113.5		123.5
Communications		73.9		93.9
Supplies and Services		156.6		166.6
Other Operating		332.6		367.8
Total Other Expenditures		676.6		751.8
PROGRAM DELIVERY				
Manitoba Research & Innovation Fund		12,100.0		12,100.0
Manitoba Centres of Excellence		720.1		720.1
Total Program Delivery		12,820.1		12,820.1
Total		15,067.1		15,073.8
Less: Recoverable from Urban and Rural Economic Development Initiatives		(750.0)		(750.0)
TOTAL SUB-APPROPRIATION	19.00	14,371.1	19.00	14,323.8

SUB-APPROPRIATION 18 - 3B
MANITOBA HEALTH RESEARCH COUNCIL

OBJECTIVES:

To promote the growth and co-ordination of the health research enterprise in Manitoba by providing program funding for health research activities.

ACTIVITY IDENTIFICATION:

Provide funding to the Manitoba Health Research Council for annual grants and awards competitions.

EXPECTED RESULTS:

- Growth of basic, clinical and applied research in health sciences in Manitoba; and
- Analysis and assessment of priority health issues in Manitoba.

	Estimates of Expenditure 2008/2009		Estimates of Expenditure 2007/2008 (adjusted)	
	FTE	**$(000's)**	FTE	$(000's)
OTHER EXPENDITURES				
Grant/Transfer Payments		**6,002.6**[1]		3,702.6
TOTAL SUB-APPROPRIATION		**6,002.6**		3,702.6

1. Increase of $$2,300 to support MHRC's new provincial health research strategy.

SUB-APPROPRIATION 18 – 3C
GRANT ASSISTANCE - INDUSTRIAL TECHNOLOGY CENTRE

The Industrial Technology Centre became a special operating agency on April 1, 1996. Refer to Section 5 for detailed information.

	Estimates of Expenditure 2008/2009		Estimates of Expenditure 2007/2008 (adjusted)	
	FTE	**$(000's)**	FTE	$(000's)
OTHER EXPENDITURES				
Grant/Transfer Payments		**750.0**		750.0
TOTAL SUB-APPROPRIATION		**750.0**		750.0

SUB-APPROPRIATION 18 - 3D
MANITOBA EDUCATION, RESEARCH AND LEARNING INFORMATION NETWORKS (MERLIN)

The Manitoba Education, Research and Learning Information Networks (MERLIN) is a special operating agency that provides distance education technology services for the Province.
Refer to Section 5 for detailed information.

	Estimates of Expenditure 2008/2009		Estimates of Expenditure 2007/2008 (adjusted)	
	FTE	**$(000's)**	FTE	$(000's)
OTHER EXPENDITURES				
Grant/Transfer Payments		**445.8**		445.8
TOTAL SUB-APPROPRIATION		**445.8**		445.8

Res. No.	Approp. No.	Science, Technology, Energy and Mines (18) Details of Appropriation	**Estimates of Expenditure 2008/2009 $(000's)**	Estimates of Expenditure 2007/2008 (adjusted) $(000's)
18.4	4.	**MANITOBA INFORMATION AND COMMUNICATION TECHNOLOGIES**	**29,179.4**	29,706.3
		Ensure the best possible use of the province's existing information & communications technology (ICT) resources, systems, platforms, applications, and skills, while finding new ways to meet service challenges, plan for future needs, and respond to economic opportunities. Develop key ICT strategies, policies, standards and business processes to optimize the delivery of ICT functions in support of service delivery goals. Provides an environment within government where appropriate technologies are fully integrated with program delivery requirements. Provides an analytical framework for review and approval of all ICT plans, projects and expenditures.		
		a) ICT Services Manitoba	**77,287.6**	73,612.4
		b) ICT Services Manitoba Recovery	**(50,942.4)**	(46,747.5)
		c) Legislative Building Information Systems	**1,164.6**	1,150.1
		d) Service Transformation Manitoba	**1,669.6**	1,691.3
			29,179.4	29,706.3

SUB-APPROPRIATION 18 - 4A
ICT SERVICES MANITOBA

OBJECTIVES:

Ensure the best possible use of the province's existing information and communications technology (ICT) resources, systems, platforms, applications, and skills while finding new ways to meet service challenges, plan for future needs, and respond to economic opportunities.

ACTIVITY IDENTIFICATION:

- Develop and continually improve ICT strategic plans, policies, and measurement protocols.
- Work with stakeholders to optimize and align the ICT investment portfolio.
- Research and design new ICT products and services to help build new effective solutions.
- Establish flexible and adaptable information, application and technology foundations.
- Establish and monitor security standards and architecture.
- Provide ICT Goods and Services procurement and contract negotiation services to government programs.
- Ensure an adequate level of ICT Governance is in place to manage ICT resources.
- Provide ICT Risk Management capabilities to ensure adequate mitigation strategies are in place.
- Proactively participate in strategies to enhance the ICT Sector within Manitoba.
- Exercise comptrollership responsibilities and provide overall financial leadership for ICT.
- Coordinate and manage the use of ICT resources across the ICT program portfolio.
- Proactively manage ICT contracts and license agreements.
- Plan, recruit, allocate, evaluate, train and develop resources for ICT work.
- Manage the process of implementing major changes in ICT to reduce the risks and costs of change, and to optimize its benefits.
- Manage the relationship between ICT and clients to ensure needs are addressed.
- Provide client support in the day-to-day delivery of ICT services.
- Proactively monitor service and process outcomes in relation to service contract conditions and performance goals.
- Improve the efficiency and effectiveness of project delivery through application of standard project management practices.
- Develop, deploy and support critical ICT infrastructure services.
- Develop and integrate applications to create functional systems responsive to the requirements of clients' program delivery needs.
- Maintain and operate existing applications that support the delivery of government program services.

EXPECTED RESULTS:

- Clear provision of direction and management of ICT.
- Continuously improved alignment of ICT services with government's programs and services.
- Effective risk management strategies that mitigate these risks where appropriate
- Improved relations with ICT goods and services providers in Manitoba with a view to assisting in the growth of this sector.

- Effective management of ICT assets and resources including some 500 servers, the corporate ERP system (SAP) ,1000 program applications and 11,300 desktops .
- Effective management of network services connecting 300 government offices, 84 hospitals and health care units, 50 schools and University College of the North.
- Continuous delivery of high quality ICT services
- Develop ICT Service Level Agreements with all government departments

SUB-APPROPRIATION 18 - 4A
ICT SERVICES MANITOBA

	Estimates of Expenditure 2008/2009		Estimates of Expenditure 2007/2008 (adjusted)	
	FTE	**$(000's)**	FTE	$(000's)
SALARIES & EMPLOYEE BENEFITS				
Managerial	**8.00**	**746.1**	8.00	723.7
Professional/Technical	**169.72**	**14,367.7**	169.72	13,951.0
Administrative Support	**18.00**	**823.1**	18.00	799.5
Employee Benefits		**1,852.9**		1,653.5
	195.72	**17,789.8**	195.72	17,127.7
Less: Allowance for Staff Turnover		**(615.1)**		(323.4)
Pension Liability		**53.1**		4.6
Salary Accrual		**62.7**		61.2
Total Salaries and Employee Benefits	**195.72**	**17,290.5**	195.72	16,870.1
OTHER EXPENDITURES				
Transportation		**52.9**		62.9
Communications		**907.0**		843.0
Supplies and Services		**13,765.7**		13,932.5
Other Operating		**43,662.5**		41,668.9
Minor Capital		**200.0**		235.0
Total Other Expenditures		**58,588.1**		56,742.3
TOTAL SUB-APPROPRIATION (Net)	**195.72**	**75,878.6**	195.72	73,612.4

SUB-APPROPRIATION 18 – 4B
ICT SERVICES MANITOBA RECOVERY

	Estimates of Expenditure 2008/2009		Estimates of Expenditure 2007/2008 (adjusted)	
	FTE	**$(000's)**	FTE	$(000's)
Recoverable from Other Appropriations		**(49,533.4)**		(46,747.5)
TOTAL SUB-APPROPRIATION		**(49,533.4)**		(46,747.5)

SUB-APPROPRIATION 18 – 4C
LEGISLATIVE BUILDING INFORMATION SYSTEMS

OBJECTIVES:

To provide a secure technological environment with highly responsive support services and reliable systems that address business requirements of diverse users in the Legislative Building.

The user community encompasses both government and non-government staff. Government staff includes Executive Council, Ministers' and Deputy Ministers' offices, Treasury Division, and departmental staff that work in the building. Non-government staff includes the Legislative Assembly offices of the Speaker and the Clerk, the Leaders of the Opposition, and Caucus offices.

ACTIVITY IDENTIFICATION:

- To direct and plan Information Technology initiatives in the Legislative Building;
- To develop and implement strong security strategies to protect electronic information;
- To provide desktop management services including help desk support, requirements analysis, purchasing and asset management;
- To implement and manage all computing services such as e-mail, document storage, printing, remote access, etc.;
- To manage the communications infrastructure for the building network, access to the Internet, and access to the Government-wide network;
- To analyse, develop, implement and support business applications; and
- To provide consulting and project management services on outsource initiatives.

EXPECTED RESULTS:

- A computing environment that is in line with best practices in operations and security;
- Security strategies and technology that monitor intrusions, detect viruses, identify spam mail and enable recovery from disasters;
- Up-to-date hardware and software technology that provides secure and reliable services for e-mail, document storage, printing, applications, remote access to information, etc.;
- A responsive corporate issues tracking system that provides a secure electronic environment to scan correspondence and track issues, provide the ability to archive information for future access, and seamlessly accommodate major changes in the environment;
- Network infrastructure capable of moving forward with increasing demands for audio/video communications with people outside the building;
- Wireless Network access from key areas in the building;
- Custom and shrink-wrapped applications that accommodate unique requirements in offices.

SUB-APPROPRIATION 18 – 4C
LEGISLATIVE BUILDING INFORMATION SYSTEMS

	Estimates of Expenditure 2008/2009		Estimates of Expenditure 2007/2008 (adjusted)	
	FTE	**$(000's)**	FTE	$(000's)
SALARIES & EMPLOYEE BENEFITS				
Managerial	-	-	-	-
Professional/Technical	**11.00**	**797.3**	11.00	771.4
Administrative Support	**1.00**	**46.5**	1.00	45.4
Employee Benefits		**127.7**		113.2
	12.00	**9,71.5**	12.00	930.0
Less: Allowance for Staff Turnover		**(33.9)**		(17.6)
Pension Liability		**12.6**		-
Salary Accrual		**3.5**		3.4
Total Salaries and Employee Benefits	**13.00**	**953.7**	13.00	915.8
OTHER EXPENDITURES				
Transportation		**1.0**		1.0
Communications		**16.0**		16.0
Supplies and Services		**30.0**		32.0
Other Operating		**163.9**		185.3
Total Other Expenditures		**210.9**		234.3
TOTAL SUB-APPROPRIATION	**13.00**	**1,164.6**	13.00	1,150.1

SUB-APPROPRIATION 18 – 4D
SERVICE TRANSFORMATION MANITOBA

Service Transformation Manitoba provides leadership for service delivery activities, operational transformation activities and the SAP implementation across the Government of Manitoba.

OBJECTIVES:

To improve service delivery by modernizing government through achieving simplicity, developing partnerships, engaging technology, organizational innovation, streamlining and improving business interactions, and performance reporting.

To provide leadership for improvement of service quality, citizen-centered service delivery and single window initiatives.

To maximize the potential of the SAP enterprise resource planning tool.

To facilitate operational transformation through operational reviews, change management, user transition, development of communication plans, training support and end-user role definition and readiness.

To serve as a link to inter-jurisdictional committees and forums where information and knowledge on service delivery and operational transformation are exchanged.

To provide support for Committees driving service delivery and operational transformation.

EXPECTED RESULTS:

- Take a leadership and policy role in influencing direction of the new Corporate ICT organization, government-wide technology and innovation efforts, and service improvement and transformation

- Develop a strategy for the ongoing and expanded deployment of online services in Manitoba.

- Encourage innovation from provincial civil servants from all levels of government with the intent of cost savings and/or improving service for Manitobans.

- Promote and implement Service Quality Partners and the Manitoba Service Excellence Awards.

- Implement the Business Transformation Enablement Program with interested programs to develop improved methodologies, solutions and understanding for transformation initiatives.

- Implement an Enterprise Resource Planning (ERP) Program Management Office to:

- Maximize Manitoba's SAP investment by leveraging the implementation of all opportunities where SAP is the most appropriate solution to a business need; and
- Focus Manitoba's activities on service transformation through a solid business case approach that maximizes value and service delivery goals.

- Support the Single Window Service to Business Initiative that is being led by the Department of Competitiveness, Training and Trade.

- Continue to assist with implementation of BizPal.

- Conduct employee and departmental surveys for various stakeholders.

SUB-APPROPRIATION 18 – 4D
SERVICE TRANSFORMATION MANITOBA

	Estimates of Expenditure 2008/2009		Estimates of Expenditure 2007/2008 (adjusted)	
	FTE	**$(000's)**	FTE	$(000's)
SALARIES & EMPLOYEE BENEFITS				
Managerial	**3.00**	**272.7**	3.00	277.4
Professional/Technical	**9.00**	**649.1**	9.00	624.1
Administrative Support	**3.00**	**114.9**	3.00	104.5
Employee Benefits		**132.5**		94.4
	15.00	**1,169.2**	15.00	1,100.4
Less: Allowance for Staff Turnover		**(41.1)**		-
Pension Liability		**5.6**		-
Salary Accrual		**5.1**		1.1
Total Salaries and Employee Benefits	**15.00**	**1,138.8**	15.00	1,101.5
OTHER EXPENDITURES				
Transportation		**22.8**		22.8
Communications		**61.7**		61.7
Supplies and Services		**326.3**		385.3
Other Operating		**120.0**		120.0
Total Other Expenditures		**530.8**		589.8
TOTAL SUB-APPROPRIATION	**15.00**	**1,669.6**	15.00	1,691.3

Res. No.	Approp. No.	Science, Technology, Energy and Mines (18) Details of Appropriation	**Estimates of Expenditure 2008/2009** **$(000's)**	Estimates of Expenditure 2007/2008 (adjusted) $(000's)
18.5	5.	**MINERAL RESOURCES**	**11,856.1**	12,147.5
		Provides authoritative documentation of the province's mineral endowment and development potential.		
		Provides for the administration of legislation governing the disposition of mineral rights, the exploration, development and production of the province's mineral resources and the rehabilitation of mines and quarries.		
		Provides for the administration of legislation governing the disposition of petroleum rights, exploration, development and production of petroleum resources, and the abandonment and rehabilitation of wells and petroleum facilities.		
		Provides for the resolution of disputes between surface rights holders and mineral rights holders with respect to accessing minerals, oil and gas.		
		a) Manitoba Geological Survey	**5,372.4**	5,539.2
		b) Mines	**1,964.4**	2,074.7
		c) Petroleum	**1,629.4**	1,642.7
		d) Boards and Commissions	**45.8**	46.8
		e) Mineral Industry Support Programs	**2,844.1**	2,844.1
			11,856.1	12,147.5

SUB-APPROPRIATION 18-5A
MANITOBA GEOLOGICAL SURVEY

OBJECTIVES:

The Manitoba Geological Survey conducts a wide range of activities related to the development and management of Manitoba's mineral resources. The Geological Survey annually conducts systematic geological, geophysical and geochemical field investigations to document and assess the province's geological framework and mineral resource potential. The primary clients of the program are mineral exploration and mining companies, prospectors, consultants, engineering companies, investment houses, insurance companies, quarry operators, Manitoba Hydro, and municipalities. Geoscience information is increasingly becoming vital in issues (such as groundwater and flood hazard studies) affecting general public.

ACTIVITY IDENTIFICATION:

- Geological investigations in Manitoba's Precambrian Shield, Western Canada Sedimentary Basin, and Hudson Bay Basin.
- Provision of geoscientific data and products such as geological maps and reports, metallic and industrial mineral deposit reports and databases, mineral resource assessments, targeted geoscience research, development of exploration models, and maintenance of data inventories.
- Provision of information services through the Mineral Resources Division's library, web site and publication sales to a broad range of clients and the general public.
- Outreach activities such as mineral education activities and school presentations as well as Aboriginal mining workshops and training programs.
- Co-ordination of the annual Manitoba Mining and Minerals Convention in November, providing a forum for the dissemination of new Manitoba geoscience data and promotion of Manitoba exploration and mining companies, Manitoba mineral properties, and the local service support industry.
- Administration and management of industry incentive programs, business development initiatives and minerals policy development.

The primary clients of the program are mineral exploration and mining companies, prospectors, consultants, engineering companies, investment houses, insurance companies, quarry operators, Manitoba Hydro and municipalities. Geoscience information is increasingly becoming vital in issues (such as groundwater and flood hazard studies) affecting the general public.

EXPECTED RESULTS:

- Increase the geoscientific knowledge base of the Province, primarily by conducting field studies and systematic bedrock and surficial mapping.
- Provide authoritative geoscience information to facilitate the development and management of Manitoba's mineral resources and create a positive and competitive business climate.
- Increase the effectiveness of mineral exploration activities in both established mining areas and in frontier areas through relevant geoscientific projects.
- Maximize the range of impact of geoscience investigations through collaboration with industry, federal, university and other provincial agencies.
- Provide authoritative geoscience information in land-use exercises (such as large-area planning, protected areas and municipal planning).
- Develop products that respond to clients' increasing needs for digital information
- Evaluate environmental impacts and geohazards.

- Increase awareness of the province's mineral resources and mining industry to communities, Aboriginal people, and the public at large through outreach activities.

SUB-APPROPRIATION 18-5A
MANITOBA GEOLOGICAL SURVEY

	Estimates of Expenditure 2008/2009		Estimates of Expenditure 2007/2008 (adjusted)	
	FTE	**$(000's)**	FTE	$(000's)
SALARIES & EMPLOYEE BENEFITS				
Managerial	**3.00**	**286.7**	3.00	279.7
Professional/Technical	**42.10**	**2,665.5**	42.10	2,594.1
Administrative Support	**10.00**	**432.9**	10.00	421.9
Employee Benefits		**471.4**		422.9
	55.10	**3,856.5**	55.10	3,718.6
Less: Allowance for Staff Turnover		**(135.9)**		
Pension Liability		**11.5**		
Salary Accrual		**14.4**		14.0
Total Salaries and Employee Benefits	**55.10**	**3,746.5**	55.10	3,732.6
OTHER EXPENDITURES				
Transportation		**140.0**		150.0
Communication		**147.5**		146.5
Supplies and Services		**897.1**		1,014.8
Other Operating		**341.3**		424.0
Minor Capital		**100.0**		71.3
Total Other Expenditures		**1,625.9**		1,806.6
TOTAL SUB-APPROPRIATION	**55.10**	**5,372.4**	55.10	5,539.2

SUB-APPROPRIATION 18-5B
MINES

OBJECTIVES:

To implement a broad range of program initiatives set out under The Mines and Minerals Act including: the issuing and regulating of Crown mineral dispositions; collection of royalties, levies and other fees; resolution of land tenure conflicts and disputes related to mineral access and development; environmental regulation of exploration and mining activity on all Crown and private lands; and the rehabilitation of depleted pits, quarries, and metal mines.

ACTIVITY IDENTIFICATION:

The Mines and Minerals Act is Manitoba's "one window" legislation governing exploration, development and production of minerals, and it sets out the legal framework for a variety of program initiatives ensuring overall compliance with the principles of sustainable development that are embodied in Subsection 2(2). Mines Branch staff are responsible for administration, compliance enforcement, and actual implementation of programs under the authority of this Act and its regulations. The Branch administers The Mines and Minerals Act and regulations, including: The Drilling Regulation, The Mineral Disposition and Mineral Lease Regulation, The Quarry Minerals Regulation and The Mine Closure Regulation. More specifically, this includes:

- Issuing mineral dispositions, leases and private pit registrations under The Mines and Minerals Act and Regulations and maintaining a registry system of all mineral dispositions and leases issued.
- Collecting fees, rentals, royalties, taxes and rehabilitation levies due to the Crown.
- Reviewing reports of work and maintaining and issuing assessment data as appropriate.
- Conducting effective claim inspections and the inspection of pits and quarries to ensure that they meet the requirements of The Mines and Minerals Act (environment/safety).
- Resolving land use conflicts to minimize sterilization of mineral resources. Mines Branch provides land planning support to Provincial Land Use Policy #9.
- Monitoring the mining operations in the Province and directing the rehabilitation of lands issued for mining purposes and subsequent to closure of the mining operations.
- Implement the Orphaned/Abandoned Mine Site Program.
- Interacting with other government departments and Crown agencies to ensure that policy decisions do not unduly hinder mineral exploration and development.
- Review and assess land use and management proposals including subdivision applications, Crown land sales, zoning and policy memorandum and Crown surface encumbrances (leases, permits, caveats and easements) for potential land use, tenure and environmental conflicts. Land use proposals are processed in a timely manner to ensure that the needs of the public are facilitated.
- Provide technical and management support for meeting provincial obligations for Treaty Land Entitlement, Northern Flood Agreement and Grand Rapids Forebay Agreement and consultation with First Nations regarding Treaty and Aboriginal rights.
- Provide technical support and products that facilitate mineral resource management and stewardship in Manitoba. Services include technical submissions to land planning authorities established under provincial legislation as well as planning document reviews to ensure that lands containing mineral potential are available for exploration and extraction purposes.

- Provide presentations, workshops and internet access to land management issues, policies, practices and ensure that there is an opportunity for public involvement in mineral resource management. Activities include oral and poster presentations at conferences, workshops, public meetings and direct stakeholder consultations concerning mineral resource management.
- The principles of sustainable development have been codified in law in The Mines and Minerals Act and Sustainable Development Act. This activity is targeted at facilitating the concept of sustainable development into the mining sector, public sector and ensuring the province land use activities meet provincial sustainable goals. Policy development and technical support is provided to the Provincial Sustainable Development Program.
- Ensuring that potential environmental public safety hazards associated with orphan mine sites (abandoned mine tailings, mine shafts, open pits and quarries) on Crown lands are identified and remedied.
- Rehabilitation of all private and Crown aggregate (gravel / crushed stone) pits and quarries in the Province, through a self funded program established under Section 200 of the Act. Mines Inspectors direct work through the supervision of private heavy-equipment owners hired under equipment rental agreements or contracts. Since being introduced in 1992, over 6,576 hectares (16,200 acres) of depleted pits and quarries have been rehabilitated under 1,527 separate projects.
- Providing administrative support to quasi-jurisdictional boards including the Mining Board and the Surface Rights Board, whose primary function is to arbitrate land access and use disputes.

EXPECTED RESULTS:

Effective implementation of the various initiatives will achieve the stated objectives and purpose of The Mines and Minerals Act Section 2(1) which is "to provide for, encourage, promote and facilitate exploration, development and production of minerals and mineral product in Manitoba, consistent with the principles of sustainable development". These programs are legislatively based and legally binding on the Province.

Protection of the environment and mitigation of land use conflicts historically associated with mining are important benefits of many of the programs.

Over the long term, the provision of a stable, competitive mineral tenure system supported by accurate information resources and reasonable environmental safeguards attracts and encourages mineral exploration and mine development.

Collection of royalties and fees associated with mining activity helps pay for important health and social programs that benefit Manitobans.

The mining sector produces essential raw materials that help sustain our infrastructure, consumer products and significantly contribute to Manitoba's balance of payment and the economy. Mining is Manitoba's second largest primary resource sector.

SUB-APPROPRIATION 18-5B
MINES

	Estimates of Expenditure 2008/2009		Estimates of Expenditure 2007/2008 (adjusted)	
	FTE	**$(000's)**	FTE	$(000's)
SALARIES & EMPLOYEE BENEFITS				
Managerial	**1.00**	**96.7**	1.00	93.6
Professional/Technical	**15.00**	**615.0**	15.00	658.6
Administrative Support	**10.00**	**472.6**	10.00	458.8
Employee Benefits		**183.7**		153.3
	26.00	**1,368.0**	26.00	1,364.3
Less: Allowance for Staff Turnover		**(48.2)**		-
Pension Liability		**4.6**		-
Salary Accrual		**5.2**		5.1
Total Salaries and Employee Benefits	**26.00**	**1,329.6**	26.00	1,369.4
OTHER EXPENDITURES				
Transportation		**76.8**		81.0
Communications		**25.3**		27.8
Supplies and Services		**411.7**		468.0
Other Operating		**119.0**		123.5
Minor Capital		**2.0**		5.0
Total Other Expenditures		**634.8**		705.3
TOTAL SUB-APPROPRIATION	**26.00**	**1,964.4**	26.00	2,074.7

SUB-APPROPRIATION 18-5C
PETROLEUM

OBJECTIVES:

To provide for and encourage the safe and efficient development of Manitoba's oil and gas resources in accordance with the principles of sustainable development.

ACTIVITY IDENTIFICATION:

The Petroleum Branch administers The Oil and Gas Act, The Oil and Gas Production Tax Act and provisions under The Workplace Safety and Health Act and carries out the following activities:

- Plans, recommends, implements, administers, monitors and evaluates oil and gas resource policies and programs;
- Administration of Crown oil and gas rights;
- Collection of Crown royalties and freehold production taxes;
- Administration of the Drilling Incentive Program;
- Licensing of oil and gas wells, petroleum geophysical programs and oil and gas facilities;
- Enforcement of regulations designed to ensure worker safety, environmental protection and fair distribution of the proceeds of oil and gas production;
- Manage wells and oil and gas facilities seized under The Oil and Gas Act and administer the Abandonment Fund;
- Collects, records and disseminates well data; conducts geological and engineering studies and provides consultation to the petroleum industry and the general public; and
- Conducts marketing activities highlighting Manitoba's oil and gas resource potential.

EXPECTED RESULTS:

- Legislation, regulations and policies that meet Government objectives and provide a competitive environment to attract and maintain a sustainable level of petroleum exploration and development;
- Timely and effective processing of well licenses and technical applications to meet industry requirements;
- Timely and accurate information available to Government, industry and the public on regulatory requirements, Crown oil and gas rights, industry activity and technical well data;
- Timely collection and accurate auditing of oil and gas revenues and effective administration of drilling incentive programs;
- Cost effective, timely and proper abandonment of seized wells and oil and gas facilities; and Studies, projects, reports, data, mapping and informational materials designed to assist and encourage investment in Manitoba's oil and gas resources.

SUB-APPROPRIATION 18-5C
PETROLEUM

	Estimates of Expenditure 2008/2009		Estimates of Expenditure 2007/2008 (adjusted)	
	FTE	**$(000's)**	FTE	$(000's)
SALARIES & EMPLOYEE BENEFITS				
Managerial	**1.00**	**86.4**	1.00	93.8
Professional/Technical	**14.00**	**840.6**	14.00	800.4
Administrative Support	**6.50**	**272.8**	6.50	267.9
Employee Benefits		**136.1**		110.8
	21.50	**1,335.9**	21.50	1,272.9
Less: Allowance for Staff Turnover		**(47.2)**		-
Pension Liability		**7.7**		-
Salary Accrual		**4.5**		4.8
Total Salaries and Employee Benefits	**21.50**	**1,300.9**	21.50	1,277.7
OTHER EXPENDITURES				
Transportation		**58.9**		61.9
Communications		**32.8**		34.1
Supplies and Services		**135.7**		166.3
Other Operating		**83.7**		92.7
Minor Capital		**17.4**		10.0
Total Other Expenditures		**328.5**		365.0
TOTAL SUB-APPROPRIATION	**21.50**	**1,629.4**	21.50	1,642.7

SUB-APPROPRIATION 18-5D
BOARDS AND COMMISSIONS

OBJECTIVES:

To provide for the resolution of disputes between surface rights holders, mineral rights, and oil and gas rights holders with respect to accessing minerals, oil and gas.

ACTIVITY IDENTIFICATION:

The Surface Rights Board provides for the resolution of disputes between surface rights holders and oil and gas rights holders with respect to accessing oil and gas. They deal with issues relating to right of entry and compensation to owners of surface rights in respect of drilling for oil and gas and geophysical exploration.

The Mining Board provides for the resolution of disputes between surface rights holders and minerals rights holders with respect to accessing minerals, including but not limited to aggregates, industrial minerals and metallic minerals. They also hear applications for access rights for exploration activities and will determine compensation levels for landowners on request. The Mining Board can also hear and resolve disputes between holders of mineral dispositions and between holders and officers of the department.

EXPECTED RESULTS:

To facilitate the fair and equitable process that effectively provides land access for the oil and gas industry and also for mineral rights owners to carry out exploration activities, at the same time, respects surface rights owners through appropriate compensation.

The Mining Board provides an impartial review of decisions and actions of Mines Branch staff to ensure a fair and consistent application of The Mines and Minerals Act.

	Estimates of Expenditure 2008/2009		Estimates of Expenditure 2007/2008 (adjusted)	
	FTE	**$(000's)**	FTE	$(000's)
SALARIES & EMPLOYEE BENEFITS				
Professional/Technical		**26.9**		26.2
Employee Benefits		**3.0**		2.9
Total Salaries and Employee Benefits		**29.9**		29.1
OTHER EXPENDITURES				
Transportation		**4.5**		5.0
Supplies and Services		**9.7**		11.0
Other Operating		**1.7**		1.7
Total Other Expenditures		**15.9**		17.7
TOTAL SUB-APPROPRIATION		**45.8**		46.8

SUB-APPROPRIATION 18-5E
MINERAL INDUSTRY SUPPORT PROGRAMS

ACTIVITY IDENTIFICATION:

- Mineral Industry Support Programs are delivered under Manitoba Geological Survey (18-5A)

	Estimates of Expenditure 2008/2009		Estimates of Expenditure 2007/2008 (adjusted)	
	FTE	**$(000's)**	FTE	$(000's)
MINERAL INDUSTRY SUPPORT PROGRAMS				
Mineral Exploration Assistance Program		**2,500.0**		2,500.0
Prospectors Assistance Program		**123.1**		123.1
Manitoba Potash Project		**196.5**		196.5
Acid Rain Abatement Program- Flin Flon		**24.5**		24.5
TOTAL PROGRAM DELIVERY		**2,844.1**		2,844.1

Res. No.	Approp. No.	Science, Technology, Energy and Mines (18) Details of Appropriation	**Estimates of Expenditure 2008/2009** **$(000's)**	Estimates of Expenditure 2007/2008 (adjusted) $(000's)
18.6	**6.**	**COSTS RELATED TO CAPITAL ASSETS**	**12,072.7**	12,820.3
		Provides for costs related to Capital Assets.		
		a) Desktop Management Initiative	**0.0**	0.0
		b) Enterprise System	**0.0**	0.0
		c) Desktop Services	**131.3**	131.3
		d) Amortization Expense	**7,961.4**	8,167.1
		e) Interest Expense	**3,980.0**	4,521.9
			12,072.7	12,820.3

SUB-APPROPRIATION 18 - 6A, 6B, 6C, 6D, 6E
AMORTIZATION OF AND OTHER COSTS RELATED TO CAPITAL ASSETS

Commencing in 2001/2002, it is the policy of the Province of Manitoba to record in the accounts of the Province, the tangible capital assets owned and used by the Province along with appropriate amortization costs. Standard asset classes have been established by the Provincial Comptroller, along with capitalization thresholds and corresponding amortization rates. Consistent with this policy, this sub-appropriation records the costs associated with the amortization of the Department's share of the total estimated costs of the Desktop Management and Better Methods initiatives allocated to the Department, in the case of Desktop, on the basis of units acquired by the Department as a percentage of total units acquired by the Province and, in the case of Better Methods, by projected departmental use. A small amount is also included for the amortization of other departmental assets.

	Estimates of Expenditure 2008/2009		Estimates of Expenditure 2007/2008 (adjusted)	
	FTE	**$(000's)**	FTE	$(000's)
OTHER EXPENDIITURES				
(6A) Desktop Management Initiative				
Government Wide Desktop costs		**4,803.3**		**4,803.3**
Less: Recoverable from other appropriations		**(4,803.3)**		**(4,803.3)**
(6A) TOTAL SUB-APPROPRIATION		**-**		**-**
(6B) Enterprise System				
Amortization Expenses		**3,447.6**		**3,447.6**
Less: Recoverable from other appropriations		**(3,447.6)**		**(3,447.6)**
(6B) TOTAL SUB-APPROPRIATION		**-**		**-**
(6C) Desktop Services				
Amortization Expense - Transition		**38.5**		38.5
Enterprise Software Licences		**92.8**		92.8
(6C) TOTAL SUB-APPROPRIATION		**131.3**		131.3
(6D) TOTAL Amortization Expense		**7,961.4** [1]		8,167.1
(6E) TOTAL Interest Expense		**3,980.0** [1]		4,521.9
TOTAL SUB-APPROPRIATION		**12,072.7**		12,820.3

PART 3

HISTORICAL INFORMATION

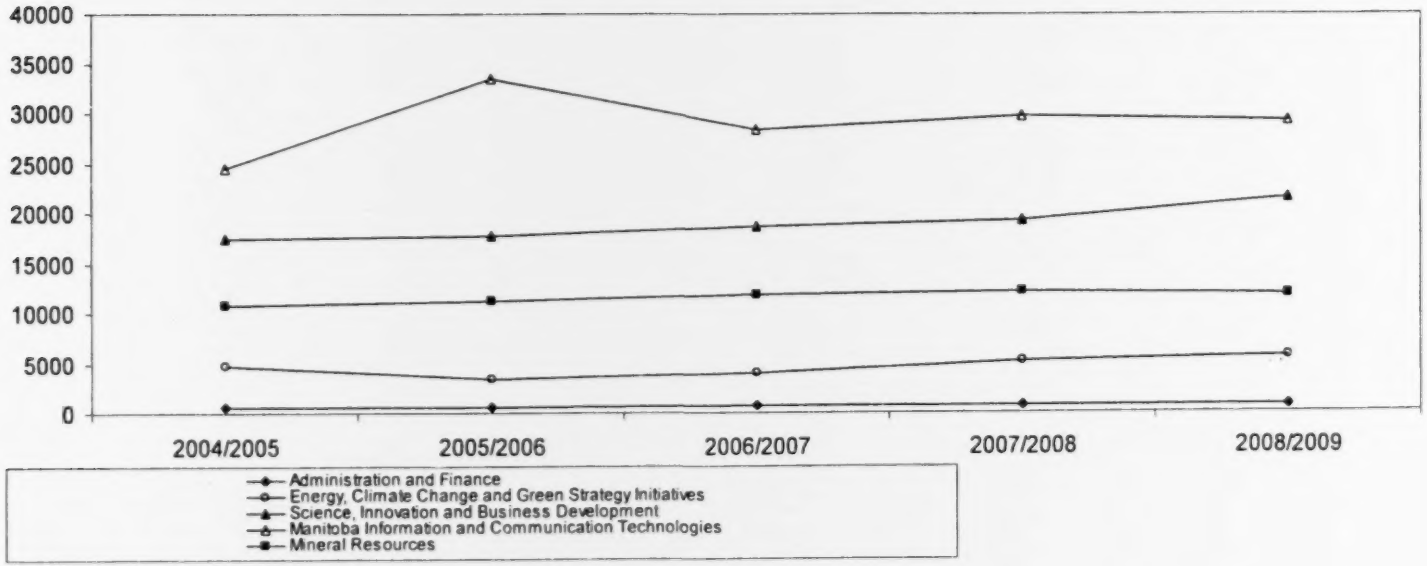
SCHEDULE 10

DEPARTMENT OF SCIENCE, TECHNOLOGY, ENERGY AND MINES
FIVE YEAR EXPENDITURES AND STAFFING SUMMARY BY APPROPRIATION ($000s)
FOR YEARS ENDING MARCH 31, 2005 - MARCH 31, 2009

	2004/2005		2005/2006		2006/2007		ADJUSTED ESTIMATES OF EXPENDITURE 2007/2008		PRINTED MAIN ESTIMATES OF EXPENDITURE 2008/2009	
	FTEs	$000s	FTEs	$000s	FTEs	$000s	FTEs	$000s	FTEs	$000s
Administration and Finance	7.00	567.0	7.00	626.1	7.00	682.0	7.00	716.2	7.00	736.6
Energy, Climate Change and Green Strategy Initiatives	21.00	4,815.7	18.00	3,415.3	20.00	4,005.3	20.00	5,250.8	20.00	5,699.8
Science, Innovation and Business Development	19.00	17,468.6	19.00	17,730.8	20.00	18,638.6	19.00	19,222.2	19.00	21,515.5
Manitoba Information and Communication Technologies	210.72	24,459.8	208.72	33,490.5	222.70	28,326.4	222.70	29,706.3	222.7	29,179.4
Mineral Resources	113.10	10,734.8	107.60	11,168.6	102.60	11,845.5	102.60	12,147.5	102.60	11,856.1
Amortization of Capital Assets		6,676.3		8,134.3		11,192.7		12,820.3		12,072.7
TOTAL	**370.82**	**64,722.2**	**360.32**	**74,565.6**	**372.30**	**74,690.5**	**372.30**	**79,863.3**	**371.32**	**81,060.1**

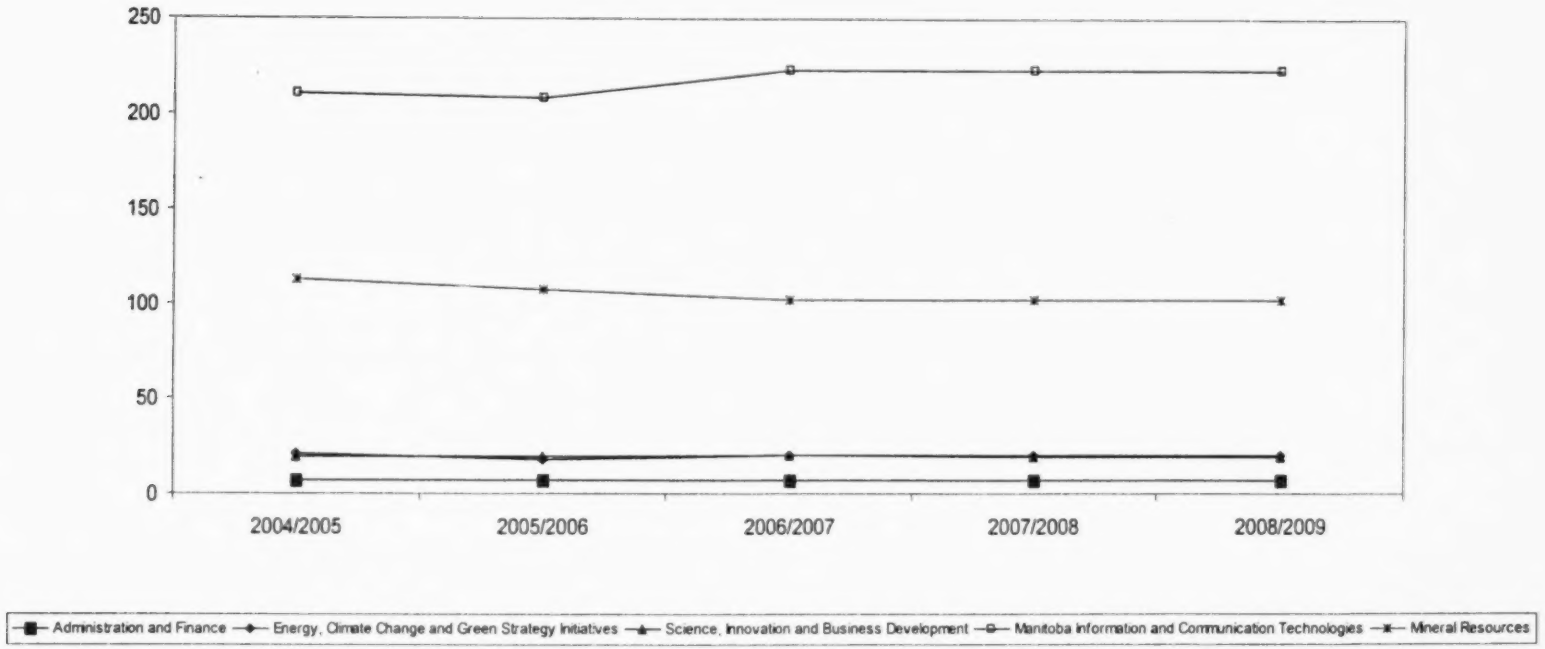
SCHEDULE 11

Five Year Expenditure History
By Operating Division ($000s)



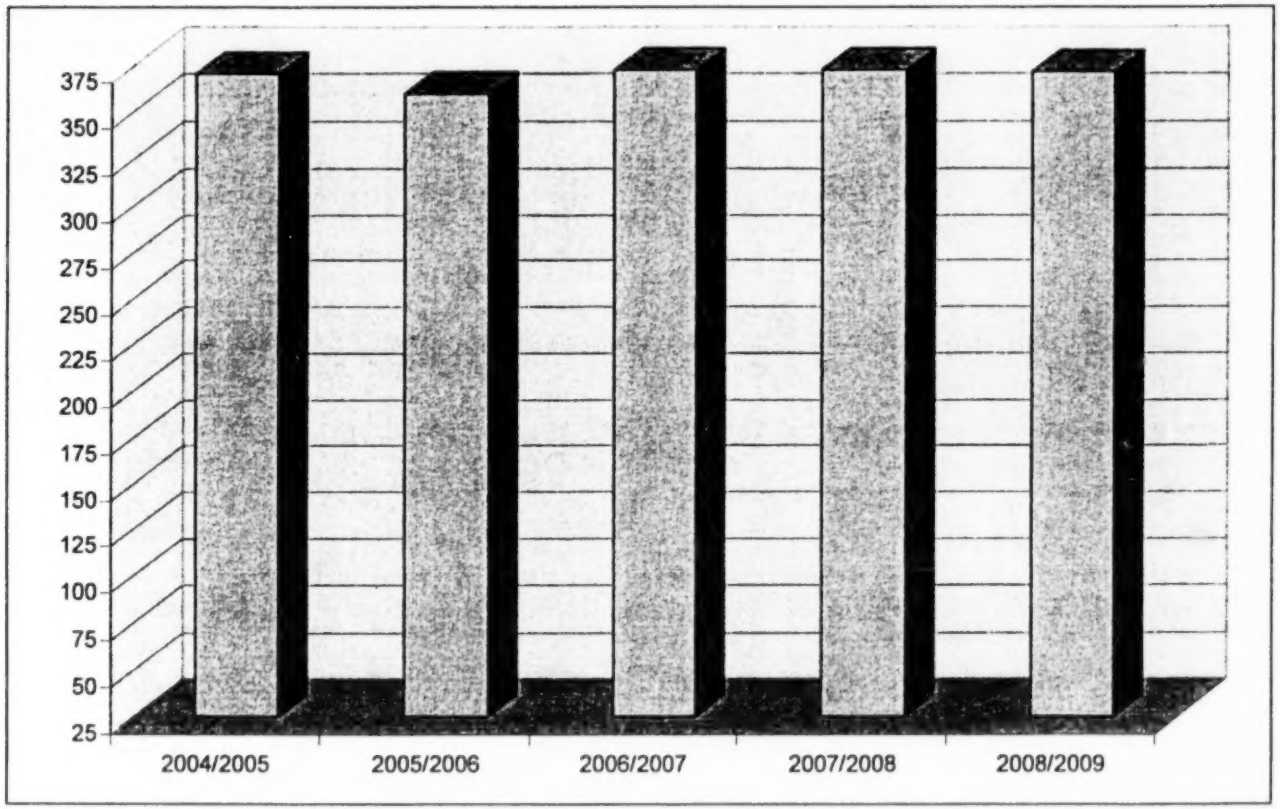
SCHEDULE 12

Five Year Expenditure History
By Operating Division (FTEs)



SCHEDULE 13

Five Year Staff History (By FTEs)



PART 4

CAPITAL INVESTMENT

Res. No.	Approp. No.	Science, Technology, Energy and Mines (18) Details of Appropriation	**Estimates of Capital Investment 2008/2009 $(000's)**	Estimates of Capital Investment 2007/2008 $(000's)
		CAPITAL INVESTMENT		
B.12	**18.**	Science, Technology, Energy and Mines	**5,100.0**	9,958.8
		Provides for the acquisition, development or enhancement of government's information communication and technology		
		1. Desktop Managed Environment	**2,400.0**	2,000.0
		2. Enterprise System	**2,100.0**	5,375.0
		3. Other Information Technology Projects	-	287.0
		4. Corporate Information Technology Projects	**600.0**	2,296.8
			5,100.0	9,958.8

SUB-APPROPRIATION B-12A-1, B-12A-2, B12A-3, B-12A-4 ENTERPRISE SYSTEMS AND INFORMATION TECHNOLOGY PROJECTS

OBJECTIVES:

To provide for the acquisition, development and enhancement of the government's desktop managed environment

ACTIVITY IDENTIFICATION:

Develop and enhance the government's desktop managed environment, Enterprise System, and Corporate and other Information Technology Projects.

EXPECTED RESULTS:

Improved desktop managed environment for the government and information and communication technology environment for the government.

	Estimates of Expenditure 2008/2009		Estimates of Expenditure 2007/2008 (adjusted)	
	FTE	**$(000's)**	FTE	$(000's)
CAPITAL INVESTMENT				
B-12A Desktop Managed Environment		**2,400.0**		2,000.0
B-12B Enterprise System		**2,100.0**		5,375.0
B-12C Other Information Technology Projects		**-**		287.0
B-12D Corporate Information Technology Projects		**600.0**		2,296.8
TOTAL APPROPRIATIONS		**5,100.0**		9,958.8

PART 5

SPECIAL OPERATING AGENCIES

MANITOBA EDUCATION, RESEARCH AND LEARNING INFORMATION NETWORKS (MERLIN)

MERLIN's mission is to support the use of technology in improving educational services to learners.

CRITICAL SUCCESS FACTORS

- Focus on the K-S4 system
- Focus on provincial services
- Improved access to MERLIN's services for rural and northern schools
- Pro-active planning

2008/09 KEY OBJECTIVES

Operational

- Aggregate demand across the province for hardware and software to provide better opportunities for all divisions.
- Provide services to rural and northern school divisions at costs similar to urban divisions to increase equity among all divisions.
- Collaboratively develop provincial standards across the K-S4 system for use of information technology that will result in higher reliability and lower costs.
- Provide training to school divisions to assist them in acquiring the skills required to sustain operations and enhance their own technology infrastructures.
- Deliver specific services directly to those divisions where the technical resources are unavailable.

Communications/Marketing

- Play a coordinating role in promoting a collaborative approach among school divisions in order to maintain standards and apply economies of scale.
- Continue to regularly meet, consult, discuss, and collaborate with the Department of Education, Citizenship and Youth and school divisions to strengthen ties between curriculum planning and technology supply.
- Continually assess client satisfaction.
- Build on our existing business relationships with suppliers to improve the range of connectivity options available to remote school divisions.

Services

- Partner Program for public schools (bundled service package).
- Partner Program for funded independent schools.
- Consulting.
- Provincial licensing/purchasing.
- Shared Services – all hosting and ISP costs for the provision of services outside the Partner Programs ex. Content filtering, hosting of websites and web based applications, email anti-spam/anti-virus solutions and email list server.
- General support to the education community.

Program Thrusts and Direction

- Provide products and services in a manner which improves equity across the Province.
- Provide products and services that support self-sufficiency at the school division level.
- Facilitate communication between the Department of Education, Citizenship and Youth and school divisions in the area of learning technologies.
- In consultation with the Department of Education, Citizenship and Youth, provide support and direction in distance learning initiatives with a focus on the technology infrastructures required to deliver distance learning opportunities.
- Support the goals of the Department of Science, Technology, Energy and Mines and the Department of Education, Citizenship and Youth.
- Be pro-active in embracing opportunities and fostering relationships to the advantage of the educational community.

Manitoba Education, Research and Learning Information Networks (MERLIN)
An Agency of the Special Operating Agencies Financing Authority
Province of Manitoba
Pro Forma Balance Sheet (in thousands)
As at March 31

Assets	Actual 2007	Budget 2008	Projections 2008	2009	2010
Current Assets					
Cash	$ 636.0	$ -	$ 292.0	$ 135.0	$ 183.0
Accounts receivable	220.0	130.0	220.0	220.0	220.0
Prepaid expenses	372.0	252.0	372.0	372.0	372.0
	1,228.0	382.0	884.0	727.0	775.0
Receivable from Province of Manitoba	47.0	47.0	47.0	47.0	47.0
Capital Assets	204.0	268.0	398.0	554.0	491.0
Total Assets	$ 1,479.0	$ 697.0	$ 1,329.0	$ 1,328.0	$ 1,313.0
Liabilities and Deficit					
Current Liabilities					
Working capital advance	$ -	$ 36.0	$ -	$ -	$ -
Accounts payable and accrued liabilities	261.0	260.0	261.0	261.0	261.0
Unearned revenue	463.0	376.0	871.0	789.0	707.0
	724.0	672.0	1,132.0	1,050.0	968.0
Cyberschools	665.0	-	-	-	-
Severance liability	91.0	100.0	74.0	83.0	92.0
	1,480.0	772.0	1,206.0	1,133.0	1,060.0
Deficit					
Retained earnings (deficit)	(1.0)	(75.0)	123.0	195.0	253.0
Total Liabilities and Deficit	$ 1,479.0	$ 697.0	$ 1,329.0	$ 1,328.0	$ 1,313.0

Manitoba Education, Research and Learning Information Networks (MERLIN)
An Agency of the Special Operating Agencies Financing Authority
Province of Manitoba
Pro Forma Statement of Income and Deficit (in thousands)
For the years ending March 31

	Actual	Budget	Projections			
	2007	2008	2008	2009	2010	2011
Revenue						
Province of Manitoba - STEM funding	$ 445.8	$ 445.8	$ 445.8	$ 445.8	$ 445.8	$ 445.8
Fee for service	2,527.2	2,636.2	3,054.2	3,148.2	3,217.2	3,237.2
Other	45.0	-	22.0	10.0	-	-
Cyberschools	121.0	498.0	257.0	-	-	-
Total revenue	3,139.0	3,580.0	3,779.0	3,604.0	3,663.0	3,683.0
Expenses						
Advertising and promotion	24.0	27.0	31.0	34.0	34.0	34.0
Amortization	63.0	62.0	87.0	125.0	163.0	180.0
Audit and legal fees	8.0	7.0	12.0	12.0	12.0	12.0
Bad debts	-	3.0	-	-	-	-
Communication	238.0	290.0	214.0	214.0	218.0	223.0
Conferences	25.0	20.0	19.0	20.0	20.0	20.0
Cost of purchases for resale	1,232.0	1,359.0	1,807.0	1,740.0	1,736.0	1,760.0
Cyberschools salaries and benefits	59.0	101.0	63.0	-	-	-
Cyberschools other expenses	62.0	397.0	194.0	-	-	-
Equipment and software maintenance	94.0	185.0	105.0	131.0	131.0	131.0
Occupancy costs	54.0	59.0	62.0	64.0	65.0	67.0
Office and miscellaneous	28.0	25.0	34.0	29.0	30.0	31.0
Professional development	13.0	15.0	32.0	20.0	20.0	20.0
Purchased services	-	5.0	2.0	5.0	5.0	5.0
Salaries and subcontract	895.0	874.0	956.0	1,099.0	1,131.0	1,159.0
Travel	30.0	23.0	37.0	39.0	40.0	41.0
Total expenses	2,825.0	3,452.0	3,655.0	3,532.0	3,605.0	3,683.0
Net income (loss) for the year	314.0	128.0	124.0	72.0	58.0	-
Surplus (deficit) at beginning of period	(315.0)	(203.0)	(1.0)	123.0	195.0	253.0
Surplus (deficit) at end of period	$ (1.0)	$ (75.0)	$ 123.0	$ 195.0	$ 253.0	$ 253.0

2011
$ 190.0
220.0
372.0
782.0
47.0
411.0
$ 1,240.0
$ -
261.0
625.0
886.0
-
101.0
987.0
253.0
$ 1,240.0

Manitoba Education, Research and Learning Information Networks (MERLIN)
An Agency of the Special Operating Agencies Financing Authority
Province of Manitoba
Pro Forma Statement of Cash Flows (in thousands)
For the years ending March 31

	Actual 2007	Budget 2008	Projections 2008	2009	2010	2011
Cash Derived From (Applied To)						
Operating						
Net Income (loss)	$ 314.0	$ 128.0	$ 124.0	$ 72.0	$ 58.0	$ -
Amortization	63.0	62.0	87.0	125.0	163.0	180.0
	377.0	190.0	211.0	197.0	221.0	180.0
Change in:						
Accounts receivable	(101.0)	-	-	-	-	-
Prepaid expenses	(308.0)	-	-	-	-	-
Accounts payable	10.0	-	-	-	-	-
Unearned revenue	383.0	-	408.0	(82.0)	(82.0)	(82.0)
	361.0	190.0	619.0	115.0	139.0	98.0
Investing						
Capital assets	(186.0)	(181.0)	(281.0)	(281.0)	(100.0)	(100.0)
Financing						
Cyberschools	(121.0)	(498.0)	(665.0)	-	-	-
Severance liability	9.0	9.0	(17.0)	9.0	9.0	9.0
	(112.0)	(489.0)	(682.0)	9.0	9.0	9.0
Net increase (decrease) in cash	63.0	(480.0)	(344.0)	(157.0)	48.0	7.0
Cash - beginning of year	573.0	444.0	636.0	292.0	135.0	183.0
Cash - end of year	$ 636.0	$ (36.0)	$ 292.0	$ 135.0	$ 183.0	$ 190.0
	636.0	(36.0)	292.0	135.0	$ 183.0	$ 190.0

Manitoba Education Research and Learning Information Networks (MERLIN)
An Agency of the Special Operating Agencies Financing Authority
Province of Manitoba
Notes to the Financial Statements
For the Years Ended March 31
(in thousands)

1. NATURE OF ORGANIZATION

Effective April 1, 1995, Manitoba Education, Research and Learning Information Networks (MERLIN) was designated as a Special Operating Agency pursuant to The Special Operating Agencies Financing Authority Act, Cap S185, C.C.S.M. and operates under a charter approved by the Lieutenant Governor in Council. The Agency currently operates as part of Science, Technology, Energy and Mines under the general direction of the Deputy Minister.

The Agency is financed through the Special Operating Agencies Financing Authority (SOAFA). SOAFA has the mandate to hold and acquire assets required for and resulting from Agency operations. It finances the Agency through repayable loans and working capital advances. This financial framework enables the Agency to operate in a business like manner according to public policy expectations.

A Management Agreement between SOAFA and the Minister Science, Technology, Energy and Mines assigns responsibility to the Agency to manage and account for the Agency related assets and operations on behalf of SOAFA.

The Agency remains bound by relevant legislation and regulations. It is also bound by administrative policy except where specific exemptions have been provided in its charter in order to meet business objectives.

The Agency is economically dependent on the Province of Manitoba as it derives some of its revenue and all of its financing requirements from the Province.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of reporting

The financial statements of the Agency are presented in accordance with Canadian generally accepted accounting principles.

Capital assets

Capital assets are recorded at cost and are amortized annually on a straight-line basis as follows:

Computer hardware	20%
Computer software	20%
Equipment and furniture	20%
Leaseholds and signage	20%

In the period of acquisition, amortization is calculated at one-half the rate indicated.

3. RECEIVABLE FROM THE PROVINCE OF MANITOBA

The receivable from the Province of Manitoba is for vacation entitlements earned by the employees of the Agency prior to designation as a Special Operating Agency and for severance pay benefits prior to March 31, 1998. This receivable, or portion thereof, for the Agency will be collected in the event there is a cash shortfall. However, this is only likely to happen on the dissolution of the Agency. The balance consists of:

Vacation entitlements	$ 19
Severance pay benefits	28
	$ 47

4. CAPITAL ASSETS

Net Book Value	Actual 2007	Budget 2008	Projected 2008	2009	2010	2011
Computer hardware	149	245	318	490	443	379
Computer software	31		43	34	26	16
Equipment and furniture	14	8	30	26	21	16
Leaseholds	10	15	7	4	1	0
	204	268	398	554	491	411

5. WORKING CAPITAL ADVANCES

These advances are provided to the Agency through the Special Operating Agencies Financing Authority pursuant to the Management Agreement. The Agency has an authorized line of working capital advances of $2.0 million.

6. CYBERSCHOOLS

MERLIN has entered into an agreement with Community Connections to develop, implement and operate a province-wide communication gateway/portal to support K-12 education. The service will include access to secure email, calendars, and file storage.

Receipts and disbursements are as follows:

	Actual 2007	Budget 2008	Projections 2008	2009	2010	2011
Deferred balance – BOY	$786	$498	$665	$0	$0	$0
Receipts						
Disbursements	(121)	(498)	(665)	0	0	0
Deferred balance – EOY	$665	$0	$0	$0	$0	$0

7. SEVERANCE PAY LIABILITY

Effective April 1, 1998, the Agency began recording accumulated severance pay benefits for its employees. The estimate of the liability at that time was based on an actuarial valuation report.

The Province has accepted responsibility for the severance benefits accumulated by the Agency's employees to March 31, 1998. Accordingly, the opening severance pay liability balance as at April 1, 1998 calculated at $28 was completely offset by a receivable from the Province.

The Agency's liability has been calculated in accordance with the formula provided in the most recent actuarial valuation report.

8. EMPLOYEE PENSION BENEFITS

Employees of the Agency are eligible for pension benefits in accordance with the provisions of The Civil Service Superannuation Act administered by the Civil Service Superannuation Board (CSSB).

Effective March 31, 2001, pursuant to an agreement with the Province of Manitoba, the Agency transferred to the Province the pension liability for its employees, subject to the following conditions.

During the 2002 fiscal year, in accordance with the terms of the agreement, the Agency transferred to the Province funds equal to the net assets required to discharge its pension obligation as at March 31, 2001. Commencing April 1, 2001, the Agency is also required to pay to the Province an amount equal to its employees' current pension contributions.

Hence, the Agency has discharged its pension obligations and has no outstanding liability.

9. REVENUE - MANITOBA EDUCATION, CITIZENSHIP AND YOUTH

The Agency is responsible for the delivery of distance education and technology programs formerly provided through Manitoba Education, Citizenship and Youth. The Agency receives a fee from the Department, established annually and paid quarterly, in exchange for delivery of these services.

THE INDUSTRIAL TECHNOLOGY CENTRE

BACKGROUND

The Industrial Technology Centre (ITC) was established in 1979 and commenced operations as a Special Operating Agency (SOA) on April 1, 1996. ITC was initially managed by the Manitoba Research Council (1979 to 1991), and then became the responsibility of the Economic Innovation and Technology Council (EITC, 1992 to 1996). In FY 96/97, ITC became an SOA of the Province of Manitoba and now operates under Manitoba Science, Technology, Energy and Mines (STEM).

VISION

To be recognized as the best resource for solving technical issues for the benefit of Manitoba.

RESPONSIBILITY

ITC provides a wide range of technical services in support of technology-based economic development out of 24,118 square feet of leased premises. Included in the leased premises are 5,068 square feet subleased to the Composites Innovation Centre (CIC). ITC customers primarily include Manitoba companies from various industrial sectors, as well as government agencies. ITC services are provided on a fee for service basis and under the Economic Development Contribution Agreement (the EDCA is a performance contract with STEM that supports ITC for its contribution to economic development activities in Manitoba). Some fee for service revenues are derived from contracts outside Manitoba and Canada.

ITC's services are categorized as:

- Technical Information and Advisory Services
- Engineering
- Lottery Ticket Testing (LTT)
- Virtual Reality Centre (VRC)

The breadth of staff expertise makes ITC a unique technical facility. ITC offers a wide range of technical services that complement each other (we provide a "one-stop shop"). By virtue of service lines that are not mutually exclusive, ITC engineers and technicians regularly collaborate on projects to provide customers with the best possible service and technical solutions. ITC's core staff complement for FY 2008/2009 is 22.

PERFORMANCE MEASUREMENT

ITC has always played a role in fostering economic growth in Manitoba by virtue of the services it provides to its customers. A diverse range of in-house expertise enables ITC to assist Manitoba individuals and companies in many capacities, from converting a concept to a marketable product or service to establishing infrastructure that contributes to their growth.

The Economic Development Contribution Agreement (EDCA/performance contract) between ITC and Manitoba Science, Technology, Energy and Mines provides the framework and opportunity for ITC to measure and report upon the results and public policy benefits of its services. Under the terms of this agreement, STEM supports ITC for its economic development activities.

ITC's technical and advisory services are expected to generate the following public policy benefits:

- Increased awareness, availability and utilization of new technologies to help companies remain competitive.
- Provision of testing services to assist companies with international standards compliance.
- Provision of access to high quality technical services otherwise not readily available to Manitoba companies.

ITC engaged an external research organization to conduct independent client surveys to capture economic impacts during FY 2006/07. The results of these surveys are summarized as follows:

Category	Impact of ITC Services
New Jobs Created	**14**
Jobs Saved/Maintained	**1,031**
The total of 1,045 jobs created or saved represents $42.4 million in wages based on an average annual manufacturing salary of $40,560 (October 2007, Manitoba Bureau of Statistics).	
Sales Increase	**$1.3 million**
Sales Maintained	**$7.3 million**
Cost Savings Identified	**$3.0 million**
Investment Increases	**$1.2 million**
Influence on client objectives	**97% of respondents reported that ITC had a positive impact on their organization.**

These results are compiled from the responses of 68 individuals representing a sample of ITC clients. No attempt has been made to extrapolate the impacts for ITC's entire project client base (approximately 300 clients).

These impacts are summarized from respondents where they were able to quantify the impact of ITC services. The remaining respondents were unable to quantify these impacts and preferred to provide either a percentage increase or an anecdotal response (these responses are not included in the above table).

The total economic impacts of ITC operations are expected to be higher than those summarized here because of the respondents' difficulty in quantifying these impacts. Furthermore, only a sample of ITC clients was surveyed.

Since inception as an SOA (FY 1996/97), the following outcomes have been reported by clients:

	Total Impacts
Jobs created or saved	**7,578**
Increased sales	**$80.3 million**
Increased investment	**$103.3 million**
Cost savings	**$33.8 million**

These results indicate that the Province's funding support of ITC has leveraged significant economic development impacts for Manitoba.

ITC captures these economic development impacts each year as part of the EDCA with STEM. These results are reported in ITC's annual report, and summarized in SOAFA's annual report.

All ITC's services are optional and are primarily used by private companies who cannot readily obtain them in Manitoba. ITC clients choose to use and pay for our services, and report a very high level of satisfaction and significant impacts at their organizations.

INDUSTRIAL TECHNOLOGY CENTRE

An Agency of the
Special Operating Agencies Financing Authority
Province of Manitoba

Projected Balance Sheet

As at March 31
(In Thousands)

	Actual 2007	Budget 2008	Projection 2008	2009	2010	2011
Assets						
Current						
Cash and funds on deposit with Minister of Finance	$ 41	$ (4)	$ 18	$ 6	$ 6	$ 13
Accounts receivable	327	205	205	220	245	275
Prepaid expenses	20	41	20	20	20	20
	388	242	243	246	271	308
Due from Province of Manitoba (Note 4)	103	103	103	103	103	103
Capital assets (Notes 2 and 5)	660	674	640	637	575	500
	1,151	$ 1,019	$ 986	$ 986	$ 949	$ 911
Liabilities						
Current						
Accounts payable and accrued liabilities	448	$ 275	$ 275	$ 275	$ 275	$ 275
Severance liability (Note 6)	213	242	235	257	279	301
Long term debt (Note 6)	0	-	-	-	-	-
	661	517	510	532	554	576
Equity						
Contributed Equity (Note 7)	62	62	62	62	62	62
Retained Earnings	428	440	414	392	333	273
	490	502	476	454	395	335
	$ 1,151	$ 1,019	$ 986	$ 986	$ 949	$ 911

INDUSTRIAL TECHNOLOGY CENTRE

An Agency of the
Special Operating Agencies Financing Authority
Province of Manitoba

Projected Statement of Earnings and Retained Earnings

For the Years Ending March 31

(In Thousands)	Actual 2007	Budget 2008	Projection 2008	2009	2010	2011
Revenue						
Province of Manitoba	$ 750	$ 750	$ 750	$ 750	$ 750	$ 750
Fee for service	1,469	1,545	1,543	1,610	1,662	1,701
Other research and development services	-	100	66	100	100	100
Other	141	119	125	123	124	124
	2,360	2,514	2,484	2,583	2,636	2,675
Operating expenses						
Advertising and promotion	65	60	60	60	61	62
Amortization	170	145	130	143	162	145
Audit and legal	7	7	9	8	8	8
Bad debts	1	7	2	2	2	2
Building maintenance	39	36	48	48	49	50
Computer	44	37	39	39	40	41
Equipment	69	57	56	59	66	68
Fees and memberships	30	26	27	31	28	31
Insurance	42	44	42	43	44	45
Library operations	32	23	12	15	15	15
Loss on disposal	-	-	-	-	-	-
Office	49	48	52	48	49	49
Professional development	39	25	25	25	26	26
Project supplies and subcontract	56	50	55	59	62	65
Purchased services	4	5	4	5	5	5
Rent and property tax	296	330	309	321	330	333
Salaries and benefits	1,473	1,536	1,540	1,611	1,658	1,699
Travel	29	24	35	34	35	35
Utilities	51	54	53	54	55	56
	2,496	2,514	2,498	2,605	2,695	2,735
Net earnings (loss)	(136)	-	(14)	(22)	(59)	(60)
Retained earnings at beginning of period	564	440	428	414	392	333
Retained earnings at end of period	$ 428	$ 440	$ 414	$ 392	$ 333	$ 273

IDUSTRIAL TECHNOLOGY CENTRE
An Agency of the
Special Operating Agencies Financing Authority
Province of Manitoba

rojected Statement of Changes in Cash Resources
or the Years Ending March 31
n Thousands)

	Actual 2007	Budget 2008	Projection 2008	2009	2010	2011
ash derived from (applied to):						
perating activities						
Net earnings (loss)	$ (136)	$ -	$ (14)	$ (22)	$ (59)	$ (60)
Items not involving cash						
Amortization	170	145	130	143	162	145
Loss on disposal	-	-	-	-	-	-
	34	145	116	121	103	85
Changes in non-cash working capital balances						
Accounts receivable	(129)	(15)	122	(15)	(25)	(30)
Prepaid expenses	21	-	-	-	-	-
Accounts payable	193	-	(173)	-		
Severance liability	15	22	22	22	22	22
	134	152	87	128	100	77
nvesting activities						
Acquisition of capital assets	(93)	(160)	(110)	(140)	(100)	(70)
	-	-	-	-	-	-
Financing activities						
Net increase (decrease) in cash	41	(8)	(23)	(12)	-	7
Cash at beginning of period	-	4	41	18	6	6
Cash at end of period	$ 41	$ (4)	$ 18	$ 6	$ 6	$ 13
Represented by						
Cash and funds on deposit with Minister of Finance	$ 41	$ (4)	$ 18	$ 6	$ 6	$ 13

INDUSTRIAL TECHNOLOGY CENTRE
An Agency of the
Special Operating Agencies Financing Authority
Province of Manitoba
Notes to the Financial Statements
For the years ending March 31
(In Thousands)

1. Nature of Organization

The Industrial Technology Centre (ITC) was established in 1979 under "Enterprise Manitoba", a joint Federal/Provincial cost-shared funding agreement. ITC was managed by the Manitoba Research Council until September 1992 when responsibility for ITC was transferred to the Economic Innovation & Technology Council (EITC). ITC was created as a technical resource for Manitoba industry and government and continues to provide a wide range of technical services to both the private and public sectors.

Effective April 1, 1996, ITC was designated as a Special Operating Agency under The Special Operating Agencies Financing Authority Act, Cap. S185, C.C.S.M., and operates under a charter approved by the Lieutenant Governor in Council. ITC operates as part of Manitoba Science, Technology, Energy and Mines under the general direction of the Deputy Minister.

ITC is financed through the Special Operating Agencies Financing Authority (SOAFA). SOAFA has the mandate to hold and acquire assets required for and resulting from Agency operations and has access to a working capital loan. The financial framework allows the Agency to operate in a business-like manner, which is facilitated by SOA status.

A Management Agreement between SOAFA and the Minister of Science, Technology, Energy and Mines assigns responsibility to the Agency to manage and account for the Agency-related assets and operations on behalf of SOAFA.

An Economic Development Contribution Agreement between ITC and Manitoba Science, Technology, Energy and Mines defines expected public policy benefits generated from ITC's operations.

ITC has full delegated authority for all administrative, financial and operational matters. This delegation is subject to any limitations, restrictions, conditions and requirements imposed by legislation or by the Minister.

2. Significant Accounting Policies

Basis of reporting

The financial statements are prepared in accordance with Canadian generally accepted accounting principles.

Capital assets

Capital assets are recorded at cost. Amortization, intended to write off the assets over their estimated useful lives, is recorded at the following annual rates and methods:

Furniture and fixtures	20%, declining balance
Office and laboratory equipment	20%, declining balance
Computer equipment and software	20%, straight-line
Leasehold improvements	10%, straight-line

Financial instruments

The Agency's financial instruments consist of cash and funds on deposit, accounts receivable, and accounts payable and accrued liabilities. Unless otherwise noted, it is management's opinion that the Agency is not exposed to significant interest, currency or credit risks arising from these financial instruments. The fair values of these financial instruments approximate their carrying values, unless otherwise noted.

Revenue recognition

Province of Manitoba funding is recognized over the term for which it applies. Fees for service are recognized as the service is performed.

Use of Estimates

The preparation of financial statements in accordance with Canadian generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from management's best estimates as additional information becomes available in the future.

3. Working Capital Advance

The Agency has an authorized line of working capital advances up to a maximum of $300.

4. Due from Province of Manitoba

The Province has accepted responsibility for the severance benefits accumulated by ITC's employees to March 31, 1998. Accordingly, the opening severance pay liability balance as at April 1, 1998 calculated at $103 was completely offset by a receivable from the Province. The receivable from the Province, or portion thereof, for the Industrial Technology Centre, will be collected in the event there is a cash shortfall. However, this is only likely to happen on the dissolution of the Industrial Technology Centre.

5. Capital Assets

	Actual	Budget	Projection			
	2007	2008	2008	2009	2010	2011
Furniture and fixtures	$ 6	$ 5	$ 4	$ 4	$ 3	$ 2
Equipment	304	394	343	392	386	354
Computer equipment and software	184	132	146	113	77	54
Leasehold improvements	166	143	147	128	109	90
	$660	**$674**	**$640**	**$637**	**$575**	**$500**

6. Severance Pay Benefits

Effective April 1, 1998, the Agency began recording accumulated severance pay benefits for its employees. The amount of severance pay obligations is based on actuarial calculations. The periodic actuarial valuations of these liabilities may determine that adjustments are needed to the actuarial calculations when actual experience is different from that expected and/or because of changes in actuarial assumptions used. The resulting actuarial gains or losses are amortized over the expected average remaining service life of the related employee group.

An actuarial report was completed for the severance pay liability as of March 31, 2005. The report provides a formula to update the liability on an annual basis. Commencing in the 2006 fiscal year the actuarial gain of $76 is being amortized over the 15 year expected average remaining service life of the employee group.

7. Contributed Equity

A Transfer Agreement between the Special Operating Agencies Financing Authority (SOAFA) and Manitoba effected a transfer of capital assets, current assets and current liabilities from Manitoba to SOAFA as at March 31, 1996. Net assets in the amount of $124 were transferred to continue the operations of ITC. ITC has repaid SOAFA the debt portion of $62 (50% of the value of the net assets) and recorded the remaining $62 (50% of the value of the net assets) as Manitoba's equity in SOAFA as related to the Agency's operations.

8. Commitment

The Agency has entered into a lease agreement for the rental of a building at Smartpark, with space of 24,118 square feet. Of this space, ITC occupies 19,032 square feet, with 5,086 square feet being sublet to the Composites Innovation Centre (CIC). Occupancy costs pertaining to the CIC are recoverable from them. This ten-year lease requires lease payments as follows:

	ITC	CIC	Total
FY 2008/09	$ 184	$ 49	$ 233
FY 2009/10 - FY 2014/15	189	51	240
FY 2015/16 (7 mos)	110	30	140

9. Pension Benefits

In accordance with the provisions of the Civil Service Superannuation Act, employees of the Centre are eligible for pension benefits under the Civil Service Superannuation Fund. This pension plan is a defined benefit plan, which requires the Centre to contribute an amount equal to the employee's contribution to the Fund for current services.

The Centre has no further liability associated with the annual cost of pension benefits earned by the Centre's employees.

10. Related Party Transactions

The Agency is related in terms of common ownership to all Province of Manitoba created departments, agencies and Crown corporations. The Agency enters into transactions with these entities in the normal course of business.

OBJECTIVES:

To implement a proactive and integrated community-based model of program and service delivery focused on advancing Manitoba's strategic priorities in environmental protection and sustainable resource management. Core objectives include:

- reducing solid waste generation while encouraging materials efficiency;
- preserving adequate, reliable and sustainable supplies of freshwater; and
- decreasing energy consumption and abating climate change impacts.

ACTIVITY IDENTIFICATION

- Identify and promote sustainable growth opportunities that link environmental protection and community economic growth.
- Coordinate energy-, water-, and waste-related program development and implementation across a range of partner organizations.
- Broker mutually beneficial relationship building among stakeholder entities to support effective program delivery.
- Ensure development of an information base that facilitates program prioritization and enables performance measurement and assessment.
- Develop and implement outreach and education programs that increase environmental awareness and help citizens, businesses and organizations adhere to sustainable development principles and practices.
- Provide advice and expertise to support government policy and regulation development.
- Serve as government's "front door" for convenient public access to information and programming relating to all aspects of sustainable development.

EXPECTED RESULTS:

- Implementation of a product stewardship / extended producer responsibility (EPR) waste management model across four material waste streams: tires, packaging and printed paper, household hazardous waste, and waste electronics.

- Implementation of community-based water conservation approaches.
- Implementation of energy conservation initiatives.
- Development and implementation of performance assessment capability featuring data capture processes and program measurement indicators at a community level.
- Implementation of outreach and education programs to support informed decision making regarding sustainable practices.

GREEN MANITOBA ECO SOLUTIONS
An Agency of the
Special Operating Agencies Financing Authority
Province of Manitoba
Projected Balance Sheet
As at March 31

(In Thousands)	Actual	Projection			
	2007	2008	2009	2010	2011
Assets					
Current					
Cash and funds on deposit with Minister of Finance	$ -	$ -	$ -	$ -	$ -
Accounts receivable	17.0	20.0	20.0	20.0	20.0
Prepaid expenses	0.7	0.7	0.7	0.7	0.7
	17.7	20.7	20.7	20.7	20.7
Capital assets	7.3	9.2	6.6	4.0	1.4
	25.0	29.9	27.3	24.7	22.1
Liabilities					
Current					
Working capital payable	55.1	203.3	270.1	283.5	323.2
Accounts payable and accrued liabilities	17.0	17.0	17.0	17.0	17.0
Deferred revenue	98.8	0.0	0.0	0.0	0.0
	170.9	220.3	287.1	300.5	340.2
Severance liability	0.6	1.2	1.8	2.4	3.0
	171.5	221.5	288.9	302.9	343.2
Equity					
Contributed Equity	9.0	9.0	9.0	9.0	9.0
Retained Earnings (Deficit)	(155.5)	(200.6)	(270.6)	(287.2)	(330.1)
	(146.5)	(191.6)	(261.6)	(278.2)	(321.1)
	$ 25.0	$ 29.9	$ 27.3	$ 24.7	$ 22.1

GREEN MANITOBA ECO SOLUTIONS
An Agency of the
Special Operating Agencies Financing Authority
Province of Manitoba
Projected Statement of Earnings and Retained Earnings
For the Years Ending March 31

(In Thousands)	Budget	Projection			
	2008	2008	2009	2010	2011
Revenue					
STEM Service Grant	$ 1,045.9	$ 1,045.9	$ 1,045.9	$ 1,045.9	$ 1,045.9
Other GoM Sources	1,081.7	1,570.4	1,448.5	1,060.5	1,060.5
Non-GoM Sources	50.0	87.5	100.0	370.0	370.0
	2,177.6	2,703.8	2,594.4	2,476.4	2,476.4
Operating expenses					
Salaries & Benefits	736.1	733.5	758.6	787.2	813.5
Waste Programming	807.6	1,236.4	1,186.4	986.4	986.4
Water Programming	28.1	68.4	68.4	68.4	68.4
Energy Programming	68.1	128.4	68.4	68.4	68.4
General Operating	580.0	580.0	580.0	580.0	580.0
Amortization	1.8	2.2	2.6	2.6	2.6
	2,221.7	2,748.9	2,664.4	2,493.0	2,519.3
Net earnings (loss)	(44.1)	(45.1)	(70.0)	(16.6)	(42.9)
Retained earnings at beginning of period	-	(155.5)	(200.6)	(270.6)	(287.2)
Retained earnings at end of period	$ (44.1)	$ (200.6)	$ (270.6)	$ (287.2)	$ (330.1)

GREEN MANITOBA ECO SOLUTIONS
An Agency of the
Special Operating Agencies Financing Authority
Province of Manitoba
Projected Statement of Earnings and Retained Earnings
For the Years Ending March 31

(In Thousands)	Budget	Projection			
	2008	2008	2009	2010	2011
Revenue					
STEM Service Grant	$1,045.9	$1,045.9	$1,045.9	$1,045.9	$1,045.9
Other GoM Sources	1,081.7	1,570.4	1,448.5	1,060.5	1,060.5
Non-GoM Sources	50.0	87.5	100.0	370.0	370.0
	2,177.6	2,703.8	2,594.4	2,476.4	2,476.4
Operating expenses					
Salaries & Benefits	736.1	733.5	758.6	787.2	813.5
Waste Programming	807.6	1,236.4	1,186.4	986.4	986.4
Water Programming	28.1	68.4	68.4	68.4	68.4
Energy Programming	68.1	128.4	68.4	68.4	68.4
General Operating	580.0	580.0	580.0	580.0	580.0
Amortization	1.8	2.2	2.6	2.6	2.6
	2,221.7	2,748.9	2,664.4	2,493.0	2,519.3
Net earnings (loss)	(44.1)	(45.1)	(70.0)	(16.6)	(42.9)
Retained earnings at beginning of period	-	(155.5)	(200.6)	(270.6)	(287.2)
Retained earnings at end of period	$ (44.1)	$ (200.6)	$ (270.6)	$ (287.2)	$ (330.1)

GREEN MANITOBA ECO SOLUTIONS
An Agency of the
Special Operating Agencies Financing Authority
Province of Manitoba
Projected Statement of Changes in Cash Resources
For the Years Ending March 31

(In Thousands)	Actual	Projection			
	2007	2008	2009	2010	2011
Cash derived from (applied to):					
Operating activities					
Net earnings (loss)	$ (155.5)	$ (45.1)	$ (70.0)	$ (16.6)	$ (42.9)
Items not involving cash					
Amortization	1.7	2.2	2.6	2.6	2.6
	(153.8)	(42.9)	(67.4)	(14.0)	(40.3)
Changes in non-cash working capital balances					
Accounts receivable	(17.0)	(3.0)	-	-	-
Prepaid expenses	(0.7)	-	-	-	-
Accounts payable	17.0	-	-	-	-
Deferred revenue	98.8	(98.8)	-	-	-
Severance liability	0.6	0.6	0.6	0.6	0.6
	(55.1)	(144.1)	(66.8)	(13.4)	(39.7)
Investing activities					
Acquisition of capital assets	(9.0)	(4.1)	-	-	-
Financing activities					
Contributed surplus	9.0	-	-	-	-
Net increase (decrease) in cash	(55.1)	(148.2)	(66.8)	(13.4)	(39.7)
Cash at beginning of period	-	(55.1)	(203.3)	(270.1)	(283.5)
Cash at end of period	$ (55.1)	$ (203.3)	$ (270.1)	$ (283.5)	$ (323.2)
Represented by					
Working capital payable	$ (55.1)	$ (203.3)	$ (270.1)	$ (283.5)	$ (323.2)

GREEN MANITOBA ECO SOLUTIONS
Notes to Financial Statements
March 31, 2007
($000s)

I. NATURE OF ORGANIZATION

Effective April I, 2006, Green Manitoba Eco Solutions ('Green Manitoba") was designated as a Special Operating Agency pursuant to the Special Operating Agencies Financing Authority act (C.C.S.M. c.S 185). Green Manitoba operates under a charter approved by the Lieutenant Governor in Council.

Green Manitoba is committed to connecting environmental quality and economic vitality through efficient resource utilization. Green Manitoba promotes the implementation of community practices that conserve water, reduce demand for energy, and effectively manage and minimize waste.

The Agency is financed through the Special Operating Agencies Financing Authority (SOAFA). SOAFA has the mandate to hold and acquire assets required for and resulting from the Agency operations. It finances the Agency through repayable loans and working capital advances. The financial framework enables the Agency to operate in a business-like manner according to public policy expectations. A management agreement between the Financing Authority and the Minister of Science, Technology, Energy and Mines assigns responsibility to Green Manitoba to manage and account for the Agency-related assets and operations on behalf of the Financing Authority.

Green Manitoba is part of the Department of Science, Technology, Energy and Mines and operates under policy direction of the Deputy Minister. The Agency remains bound by relevant legislation and regulations, as well as by administrative policy except where specific exemptions have been provided for in its charter in order to meet business objectives.

The Agency is economically dependent on the Province of Manitoba, as it derives a significant portion of its revenue from the province. The transactions with the Province of Manitoba are recorded at the exchange amount, which is the amount agreed upon by both parties.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The financial statements have been prepared in accordance with Canadian generally accepted accounting principles. Because a precise determination of many assets and liabilities is dependent upon future events, the preparation of financial statements for a period necessarily involves the use of estimates which have been made using careful judgement. The financial statements have, in management's opinion, been properly prepared within the reasonable limits of materiality and within the framework of the significant accounting policies summarized below:

Capital Assets

Capital assets transferred to the Agency on April 1, 2006 assumed a cost equal to their net book value at March 31, 2006.

Capital assets are stated at cost less accumulated amortization. Capital assets are amortized straight-line over a period of 5 years. The Agency regularly reviews its fixed assets to eliminate obsolete items. Government grants are treated as a reduction of fixed asset cost.

Deferred revenue

Deferred revenue represents cash received for projects that were started but not completed by year end.

Revenue recognition

Grants are recognized as income in the year in which they are received. Special program funding is taken into income to match the program expenditures. Any remaining program funding is deferred.

3. CAPITAL ASSETS (NBV)

	Actual 2007	Projected 2008	Projected 2009	Projected 2010	Projected 2011
Furniture and fixtures	7.3	5.5	3.7	1.9	0.1
Computer	-	3.7	2.9	2.1	1.3
	7.3	9.2	6.6	4.0	1.4

4. WORKING CAPITAL PAYABLE

The Agency has an authorized working capital from the Province of Manitoba of 500.0.

5. SEVERANCE LIABILITY

Effective April 1, 2006, the Agency commenced recording accumulated severance pay benefits for its employees.

The amount of severance pay obligations is normally based on actuarial calculations. Green Manitoba has not had an actuary report completed as they are a new special operating agency, therefore an extrapolation of other SOAs was used for Green Manitoba. The periodic valuations of these liabilities may determine that adjustments are needed to the actuarial calculations when actual experience is different from that expected because of changes in actuarial assumptions used. The resulting actuarial gains or losses are amortized over the expected average remaining service life of the related employee group.

6. CONTRIBUTED SURPLUS

Green Manitoba and the Department of Energy, Science and Technology entered into a Transfer Agreement to transfer existing assets used in the Green Manitoba Eco Solutions program of the Department of Energy, Science and Technology. They consist primarily of equipment, furniture and other items having an estimated value of 9.0. The Agency has capitalized these assets with a corresponding increase in contributed surplus.

7. COMMITMENTS

During FY 2007, the Agency entered into a three year lease with Toshiba of Canada for printing and copying equipment. The lease is being paid monthly until June 30, 2009. The Agency entered into a second lease with Toshiba of Canada for a fax machine. This lease is being paid monthly until January 31, 2009.

Lease payment schedule:

2009	2.8
2010	1.1

8. PENSION BENEFIT

In accordance with the provisions of The Civil Service Superannuation Act, employees of the Agency are eligible for pension benefits under the Civil Service Superannuation Fund. The pension plan is a defined benefit plan, which requires the Agency to contribute an amount equal to the employee's contribution to the fund for current services.

The Agency has no further liability associated with the annual cost of pension benefits earned by the Agency's employees.

9. FINANCIAL INSTRUMENTS

The Agency's financial instruments consist of accounts receivable, accounts payable, working capital payable, severance liability and accrued liabilities. Unless otherwise noted, it is management's opinion that the Agency is not exposed to significant interest, currency or credit risks arising from these financial instruments. The fair value of these financial instruments approximate their carrying values, unless otherwise noted.

PART 6

GLOSSARY

Cost Element

A cost element is a classification of expenditures according to the nature of expense such as salaries, supplies and services, etc., which identifies the object of expenditure out of appropriation funds. The government accounting system tracks expenditures according to the following cost element groups:

Cost Element Group	Components
Salaries	Regular Earnings, Other Earnings (overtime, shift premium), Ministers and Members of the Legislative Assembly, Fringe Benefits, Other (Worker's Compensation Allowance, Supplement), Health and Education Tax Levy, Benefit Chargeback.
Grants/Transfer Payments	Discretionary Grant, Nondiscretionary Grant, Transfer Payment, Valuation Allowance, Capital Grant.
Transportation	Vehicles, Aircraft, Other (taxi, bus, freight, rail), Travel Agency Fees, Freight/Courier.
Communication	Telephone, Electronic Communication Services, Postal Services, Advertising/Program Promotion, Radio Systems, Other.
Supplies and Services	Operating Supplies, Materials, Office Supplies, Maintenance, Other Services, Rentals, Professional Services, Utilities, Other Fees.
Public Debt	Credit/Debit Card Fees, Gain/Loss on Foreign Exchange, Interest on Debt, Discount on Debt, Amortization - Debt, Interest Charges, Other Charges.
Minor Capital	Land, Buildings, Vehicles, Machinery & Equipment, Computers, Furniture, Leasehold Improvements, Loss on Sale of an Asset, Amortization Expense.
Other Operating	Accommodations, Food and Beverage, Computer Related Charges, Insurance Costs, Publications, Allowances and Other Financial Compensation, Other Personnel Costs (relocation/transfer costs), Other Operating (membership fees, hospitality, employee training, uniforms, conference/convention registration fees, incidental allowances), Imputed Surcharges.
Financial Assistance and Related Costs	Consumables on Behalf of Citizens (Clothing, Food, Drugs), Fees and Services, Shelter, Transportation, Special needs, Direct Assistance Payments, indirect Assistance Payments.

Employee Benefits

Costs incurred by government for its contributions to the Employment Insurance Program, Canada Pension Plan, Group Life Insurance Plan, Ambulance, Hospital Semi-Private Plan, as well as costs related to pension liability for new employees, and payments made under the Dental Plan, Long-Term Disability Plan, and Levy for Health and Post Secondary Education.

Estimates of Expenditure (Adjusted)

A re-alignment of the previous year's estimates of expenditure for any organizational change to provide for more accurate and realistic comparisons from one budget year to the next.

Full Time Equivalent

A measurement for number of positions. Every full-time regular position represents one full-time equivalent position. Other categories (e.g., term, departmental, seasonal, contract) are measured in proportional equivalents, e.g., a program with a vote of 1.50 term FTE could hire staff in any combination that results in a total of 1½ years (or 78 weeks) of employment (e.g., 6 staff for 3 months (13 weeks) each; 2 staff for 9 months (39 weeks) each; 1 full time and 1 half time staff for 1 year; 3 half time staff for 1 year, etc.).

For further information related to staffing, please refer to the Civil Service Commission's intranet website (HR Personnel/Guides/SAP - HR Data Standards).

Staff Categories
Managerial

Positions which have been delegated the authority and have the responsibility to plan, administer, and control the resources and activities of a defined organizational unit in the Manitoba Government and are directly and fully accountable for:

- the utilization of resources in achieving planned objectives including the development of a budget and the initiation and authorization of expenditures; and,
- the organization's results and impacts.

Professional/Technical

Employees who have duties that relate to specific areas of program operations requiring some functional specialization.

Included in this category are employees classified within the following components and/or series:

Education	Engineers (O.P.E.E.P.M.)
Health	Legal Aid Lawyers (L.A.L.A.)
Legal, Inspection and Regulatory	Crown Attorney (M.A.C.A.)
Physical Sciences	Doctors (M.M.A.)
Social Sciences	L.A.M.C. Staff
Trades, Operations and Services	Professional Officer Series
Personnel Officer Series	
Administration (with the exception of the Administrative Officer Series)	

NOTE: Those employees designated as managers and also classified within one of the above components or the excluded component shall be categorized only once, as managerial.

Administrative Support

Employees who have duties related to the provision of support and assistance to program operations.

Staff Turnover Allowance

An adjustment made to a salaries account to allow for attrition and staff turnover. It is a negative adjustment to enable the organization to more accurately display salary requirements.